

Field Book

No. 48

No. 13,334

to no. 15,095

of

Willis Linn Jepson

If lost- finder please
return and receive reward.

11 Mosswood Road,
Berkeley, California

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This book contains records of plants collected between the years 1884 to 1899. These plants were not numbered, when collected, for the most part. During those early years two or three false starts were made at numbering collections as collected but the system lapsed and the numbers ^{disappeared and} have never really been used. When beginning systematically to number in 1899, it was my idea to leave the ^{new collections} early collections unnumbered. But I found citation of them, in critical groups, very ^{this case of} unsatisfactory unless numbered. So for these early plants I assigned the block of

numbers from 13,334 to 15,095.

As things stand with me now,
in doing critical work, I
am reluctant to cite any
specimen of my own unless
it carry an number.
identifying

No. 13,334. *Godetia purpurea* Walp.
var. *lacunarum* Jepson. Coll. in
U. C. Botanic Garden, 9/22/98.
Seed from Oakdale, 1896, by
W. L. Jepson.

No. 13,335. *Godetia quadrivulnera*
Spach forma *Setchelliana* Jepson.
Santa Cruz Mts., June 20, 1896.

No. 13,336. *Godetia amoena*
Lilja forma *Huntiana* Jepson.
Blue Lakes, July 16, 1897. Lake Co.

No. 13,337. *Godetia amoena*
var. *concolor* Jepson. New Pope Val.
ley grade from Calistoga; May 2,
1893.

No. 13,338. *Godetia amoena* forma
Huntiana Jepson. Saratoga Sprs.,
Lake Co. July-Aug., 1892.

No. 13,339. *Godetia amoena* f.
fusquarea Jepson. May 1, 1894.
mouth of Coun Valley, Napa Co.

No. 13,340. *Godetia quadrivulnera*
forma *flagellata* Jepson. Vaca Mts.

June 12, 1893.

No. 13,341. *Godetia quadrivulnera* var.
Vacensis Jepson. Vaca Valley, 23 May 1897.

No. 13,342. *Arabis* ^{*pyberula* Nutt.} ~~*pectinellus*~~ *brats*.

Smith Yello Bolly. July 24, 1897.

No. 13,343. *Arabis drummondii* Gray.

Summit sta., Nevada Co., July 1898, 7000 ft.

No. 13,344. *Barbarea orthoceras* Ledeb.

var. *holichocarpa* Fer. Howell Mt. in 1893

No. 13,345. *Thelypodium lasiophyllum*
Greene var. *rigidum* Rob. Marin Prairie, Solano Co., 12 Apr. 1885.

No. 13,346. *Thelypodium lasiophyllum* (H.A.) Greene. Vanden. 3-16-'96.

No. 13,347. *Thelypodium lasiophyllum*
Greene. Pope Valley grade, e. of
Calistoga. 5-2-'94.

No. 13,348. *Thelypodium lasiophyllum*
Greene. Little Oak, Vacaville, 3-20-'85.

No. 13,349. *Thelypodium lasiophyllum*
Vaca Mts., Gates Canon, 6-20-'92. ^{Greene}

No. 13,350. *Thelypodium lasiophyllum*
Blue Lakes, Lake Co., 16 July '97. ^{Greene}

No. 13,351. *Thelypodium lasiophyllum* Greene.

Willows, Glenn Co. 5-1-'99. var. *rigidum* Rob.

No. 13,352. *Thelypodium lasiophyllum*
Greene. ^{var. *in alpinum* Rob.} *Arquipa* Rancho, Vacaville, in 1890.

No. 13,353. *Thelypodium lasiophyllum*
Vacaville in 1891. var. *indianum* Rob.

No. 13,354. *Streptanthus barbiger* Greene
Mt. Hanna, July 15, 1897.

No. 13,355. *Streptanthus hesperidia* Jepson.
Knoxville Grade, 1892, July 28.

No. 13,356. *Cornopus didymus* Sm.

Montezuma Hills, Solano Co. 5-14-'92.

No. 13,357. *Cordarum oligospermum*
Nutt. Berkeley, Mar. 1897.

No. 13,358. *Lepidium* ^{= L. *strictum* Rattan} ~~*pubescens* Desv.~~
Dewarson, May 14, 1892.

No. 13,359. *Lepidium* ^{= L. *strictum* (Wats.) Rattan} ~~*pubescens* Desv.~~
Greasewood Hills, Lahama Co. 4-27-'99.

No. 13,360. *Lepidium* ^{= L. *strictum* (Wats.) Rattan} ~~*pubescens* Desv.~~
Marysville Buttes (Butte Pass), 4-20-'91.

No. 13,361. *Lepidium pubescens* Desv. ^{= L. strictum (Wats.) Rattan}

Calistoga, May 1, 1893.

No. 13,362. *Lepidium pubescens* Desv. ^{= L. strictum (Wats.) Rattan}

San Bruno. 4-4-'91.

No. 13,363. *Lepidium acutidens* var. *cornigerum* Jepson. Willows, 5-1-'99.

No. 13,364. *Lepidium acutidens* Howell.

Little Oak, Vacaville, Mar. 8, 1885.

No. 13,365. *Lepidium latipes* Hook.

Little Oak, Vacaville, 3-26-'92.

No. 13,366. *Lepidium latipes* Hook.

Haas Slough, 5 July 1891. Solano Co.

No. 13,367. *Lepidium latipes* Hook.

Swamp Lake near Hollister, 6-10-'96.

No. 13,368. *Lepidium latipes* Hook.

Willows, Glenn Co., 5-1-'99.

No. 13,369. *Lepidium latipes* Hook.

Haas Slough, Solano Co. 5 July 1891.

No. 13,370. *Lepidium latipes* Hook.

Moraga Valley, 4-19-'99.

No. 13,371. *Lepidium acutidens* Howell.
Montezuma Hills, 5-14-'92.

No. 13,372. *Lepidium nitidum* Nutt.
Berkeley, 3-7-'96.

No. 13,373. *Arabis breweri* Wats. Castle Peak to middle Eel River, July 23-24, 1897.

No. 13,374. *Arabis breweri* Wats.

Castle Peak, Mendocino Co., July 23-24.

No. 13,375. *Rorippa islandica* var. *occidentalis* 1899.
Radicula palustris Moench.

St. Helena, 4-25-'93.

No. 13,376. *Rorippa islandica* var. *occidentalis*
Radicula palustris Moench.

Star Bend, Feather River

No. 13,377. *Rorippa curvisiliqua* (Hook.) Bessey
Radicula palustris Moench.

Yuba City, 4-20-'91.

No. 13,378. *Rorippa*
Radicula curvisiliqua
(Nutt.) Greene. Gilroy. 6-10-'96.

No. 13,379. *Rorippa*
Radicula curvisiliqua (Nutt.)
Greene. Carmel River, 8-10-'96.

No. 13,380. *Rorippa*
Radicula curvisiliqua
Greene. Soldier Ridge near
(Nutt.) South Yuba Bally. 7-24-'97.

No. 13,381. *Rorippa*
Radicula curvisiliqua
Greene. (Nutt.) St. Helena, river bed. Nov. '94.

No. 13,382. *Rorippa*
Radicula curvisiliqua
(Nutt.) Little Oak ranch, Vacaville. 4-15-'85.

- No. 13,383. *Thysanocarpus curripes*
var. *longistylus* Jepson. Tulare Co.
Foot hills, in 1907. Type.
- ✓ No. 13,384. *Sisymbrium officinale* Desf.
Olema. Mar. 28, 1927.
= *Descurainia richardsonii* ssp. *incisa*
- No. 13,385. *Sisymbrium irio*
Engelm. Soldier Ridge near
summit of South Yalls Bally,
7-24-'97.
- No. 13,386. *Arabis blepharophylla* Torr.
Red Rock, San Francisco Bay, 3-19-'92.
- No. 13,387. *Arabis glabra* Benth.
St. Helena, 4-25-'93.
- No. 13,388. *Arabis glabra* Benth. Fish
Ranch road, Berkeley Hills, June 9, 1891.
- No. 13,389. *Arabis glabra* Benth. Bear
Valley, Nevada Co., July 20, 1898.
- No. 13,390. *Erysimum asperum* DC.
= *E. capitatum* (Dougl.) Greene
- South Peak, Marysville Buttes. 4-20-'91.
= *E. capitatum* (Dougl.) Greene
- No. 13,391. *Erysimum asperum* DC.
Chandler Canon, Arapaho Hills, Solano Co. May, '91.
- No. 13,392. *Capsella bursa-pastoris* L. ^{Herb.}
Little Oak, Vacaville. 1884.

- No. 13,393. *Athyrium pusillum* Greene.
Berkeley. 3-18-'15.
- No. 13,394. *Athyrium pusillum* Greene.
Rough & Ready, Nevada Co., 4-13-'92.
= *D. californica* Nutt.
- No. 13,395. *Dentaria integrifolia* var.
californica Jepson. Rough & Ready, Nevada Co.,
= *D. californica* Nutt. Apr. '92.
- No. 13,395a. *Dentaria integ.* var. *calif.*
2-22-'96.
Stone Bridge Hill, St. Helena (east).
= *D. californica* Nutt.
- No. 13,396. *Dentaria integ.* var. *calif.*
Howell Mt., 2-23-'96.
- No. 13,397. *Dentaria corymbosa* Jepson.
South Yalls Bally. 1897.
- No. 13,398. *Lepidium draba* (L.) ^{Desv.} ~~Drab~~ Knoll,
= *Cardaria*
Napa Valley. 1893.
- No. 13,399. *Lepidium virginicum* L.
St. Helena. June 26, 1893.
- No. 13,400. *Lepidium virginicum* L.
Scott Valley, Lake Co., 1892.
- No. 13,401. *Radiola nasturtium-aquaticum*
= *Nasturtium officinale* R. Br.
- Britt. & Rundle. Klatis Creek, Vacaville,
4-6-'85.
- No. 13,402. *Thelypodium flavescens* Wats.
Main Prairie, Solano Co., 4-12-'85.

no. 13,403. *Thelypodium flavescens* Wats.
Montezuma Hills, May 14, 1892

no. 13,404. *Lepidium nitidum* Nutt.
Vacaville, Mar. 6, 1884.

no. 13,405. *Streptanthus tortuosus*
var. *orbiculatus* Hall. Mt. Shasta, Aug. 4,

no. 13,406. *Streptanthus tortuosus* ¹⁸⁹⁴ Hall.
Upton plateau beyond Sisson, July 1894.

no. 13,407. *Streptanthus tortuosus* Hall.
Coulterville grade to Yosemite,
July 3-4, 1896.

no. 13,408. *Streptanthus glandulosus* Hook.
Las Trampas Ridge,
Contra Costa Co., 4-19-'99.

no. 13,409. *Streptanthus glandulosus*
Hook. Mt. San Pedro. 7-18-'97.

no. 13,410. *Streptanthus glandulosus*
Hook. Walker Cañon, Vaca Mts., 5-17-'92.

no. 13,411. *Streptanthus glandulosus*
Hook. Corn Valley, ridge at mouth,
May 1, 1894. Napa Range.

no. 13,412. *Streptanthus glandulosus*
Hook. Pope Valley grade east of Calistoga,
5-2-1893.

no. 13,413. *Streptanthus glandulosus*
Hook. Miller Cañon, Vaca Mts., 4-5-'85.

no. 13,414. *Streptanthus glandulosus*
Hook. Eva Mts., Santa Cruz Mts.,
6-24-'96.

no. 13,415. *Sisymbrium thalianum* Gray.
Knoxville grade to Lower Lake, July 1892.

no. 13,416. ^{=Dudleya} (*Cotyledon*) *caespitosa* Haw.
Vaca Mts., June 12, 1893.

no. 13,417. ^{=Dudleya caespitosa} *Cotyledon laxa* B. & W.
Pellico Hills, June 8, 1893. Solano Co.

no. 13,418. *Cotyledon setchellii*
^{Tulare Hills,} Jepson. Coyote Creek, Santa Clara
Co., June 9, 1896.

no. 13,419. *Cotyledon paniculata*
Jepson. Morrison Cañon near Miles,
June 20, 1897.

no. 13,420. ^{=Dudleya} *Cotyledon cymosa* Baker.
Trip to cross ridge, mouth of Corn Valley,
St. Helena, June 2, 1896.

no. 13,421. *Helianthus exilis* Gray.
Bachelor Valley, Lake Co., July-Aug., '92.

no. 13,422. *Helianthus exilis* Gray.
Knoxville grade to Lower Lake, July,
1892.

no. 13,423. *Helianthus californicus*
DB. Alamo Creek, near Vacaville, Sept.
1891.

no. 13,424. *Helianthus californicus*
DB. Howell Mt., Sept. 24, 1893.

- No. 13,425. *Helianthus californicus* DB.
Audens Isl., Lower Sac. R., Oct. 4-5,
1893.
- No. 13,426. Same. Howell Mt., Sept. 24, '93.
- No. 13,427. *Helianthus annuus* L.
Sierravado, 9-9-'97.
- No. 13,428. Same. Walnut Creek, 9-14-'95.
- No. 13,429. ^{=Dudleya} *Cotyledon farinosa* Baker.
ft. Bragg, 31 July 1897.
- No. 13,430. Same. Pacific Grove, Aug.
1896.
- No. 13,431. *Sedum spatulifolium* Hook.
Vernal Falls, Yosemite, July, 1896.
- No. 13,432. *Sedum spatulifolium*
Hook. Bear Valley, Nevada Co., July '98.
- No. 13,433. *Leonotus thyrsiflorus*
Sagehen Creek, Esch.
Santa Cruz Mts., June 20, 1896.
- No. 13,434. *C. dentatus* var. *lobbiana*
Hook. (C. K. Lobbiana)
Santa Cruz Mts., June
1896.
- No. 13,435. ^{=Purvisia} *Sedum pumilum* Bth.
Marysville Buttes, Willow Branch,
4-20-'91.
- No. 13,436. *Tillaea erecta* H. & A. Berkst.
Idy. Apr. 1891.
- No. 13,437. Same. Arapaho Hills, nw.
Solano Co., 3-25-'92.
- No. 13,438. Same. Mt. Tamalpais,
4-5-'92.

- No. 13,439. *Tillaea erecta* H. & A. Red Rock,
S. F. Bay, 3-20-'92.
- No. 13,440. Same. ^{Solano Co.} Montezuma Hills,
5-14-'92.
- No. 13,441. *Tillaea drummondii* T. & G.
Napa, 4-27-'93.
- No. 13,442. *Tillaea aquatica* L. Napa. 4-27-
-'93.
- No. 13,443. *Sedum obtusatum* Gray. Middle
El River near Castle Peak, nr. Mendocino
Co. 26 July 1897.
- No. 13,444. Same. Summit, Nevada Co.,
July 1898, 7000 ft.
- No. 13,445. Same. Bear Valley, Nevada Co.,
July 1898.
- No. 13,446. ^{=Purvisia} *Sedum pumilum* Bth.
near Napa City, 4-28-'93.
- No. 13,447. *Elatine* ~~*heterandra*~~ ^{*heterandra*} Mason
Mountain Lake, S. F., Aug. 20, 1891.
- No. 13,448. *Darlingtonia californica* Torr.
Horseshoe Bend, Cantara sla., upper
Sacramento River, Aug. 1894.
- No. 13,449. *Philadelphus lewisii*
Pursh var. *gord.* Williams Park, n. of
Round Valley, July 23, 1927.
- No. 13,450. Same. ^{P. lewisii} var. *californicus*
Bear Valley, Nevada
Co., July, 1898. var. *californicus* Gray.
- No. 13,451. Same. Bowers Cave to Hazel
Green, July 4, 1896. (Yosemite).
- No. 13,452. *Boykinia elata* Greene
Cahute to Westport, July 30, 1897.
- No. 13,453. *Boykinia elata* Greene.
Cahute to Deltaoru, July 30, 1897.
- * = *E. brachysperma* Gray.

No. 13,454. *Boykinia elata* Greene.
Santa Cruz Mts., June 7, 1896.
near Soquel Creek.

No. 13,455. Same. Bear Valley, Nevada
Co., July 1898.

No. 13,456. *Boykinia major* Gray.
Hazel Green, Mariposa Co., July 5, 1896.

No. 13,457. Same. Yosemite. July '96.

No. 13,458. Same. Snowdon Ranch,
below Calaveras Big Trees, 8-7-'90.

No. 13,459. *Hemichera micrantha*
Dougl. Vernal Falls, Yosemite. July,
1896.

No. 13,460. *Hemichera rubescens*
~~micrantha~~

Dougl. Bear Valley, Nevada Co., July '98.

No. 13,461. *Tellima grandiflora* Dougl.
Fish Ranch, Contra Costa Co., 6-9-'91.
Tankersley Hills.

No. 13,462. *Ziarella unifoliata* Hook.
Soquel Creek, Santa Cruz Mts., 6-17-'96.

No. 13,463. Same. Calito to Oshawa,
Mendocino coast, 6-30-'92.

No. 13,464. Same. Calito, July, 1897.

No. 13,465. *Peltiphyllum peltatum* Engelm.
Hazel Green, Colusa Co., Yosemite road,
July 4, 1896.

No. 13,466. *Lithophragma affine* Gray.
Salt Gulch, Greasewood Hills, w. Tehama Co.,

27 Apr. 1929.

No. 13,467. *Tellima affinis* Bol.
St. Helena, hills east. 4-24-'93.

No. 13,468. Same. Little Oak, Vacaville,
Mar. 1892.

No. 13,469. Same. Marysville Buttes,
4-20-'91.

No. 13,470. *Tellima bolanderi*
St. Helena, hills e. 4-24-'93.

No. 13,471. *Tellima heterophylla* (T. & G.).
4-24-'86. Strawberry Canyon, Berkeley.

No. 13,472. Same. Crane Creek, w. Tehama
Co., 4-26-'99.

No. 13,473. *Tellima* Hills betw. Calistoga
and Knights Valley, May 1, 1893.

No. 13,474. *Tellima* *ocubella* Greene.
Rough & Ready, Nevada Co., 4-15-'92.

No. 13,475. *Tellima* *bolanderi*
Marysville Buttes,
heterophylla 4-20-'91.

No. 13,476. *Saxifraga integrifolia* Hook.
Sisson, July 1894. = *S. orezona* Howell !!

No. 13,477. *Saxifraga californica* Greene
Mt. Veer. Mar. 11, 1890.

No. 13,478. Same. Pinnacles e. of Bahist-
oga, May 1, 1893 (new Pope Valley grade).

No. 13,479. *Saxifraga odontoloma* Fisch.
South Yalco Bolly, July 24, 1897.

No. 13,480. *Quercus wislizeni* DC. Vaca-
ville, Oct. 1890.

No. 13,481. *Philadelphus californicus*

Bth. Guwin Mine, Colusa Co., Oct. 8,
1902.

No. 13,482. *Sphenosciadium capitellatum*
Gray. Musstrae Falls, Shasta Sprs., Aug.
1894.

No. 13,483. *Angelica tomentosa* Wats.
St. Helena, Dec. 1897.

No. 13,484. Same. Calistoga. 8-30-95.

- No. 13,485. *Angelica*
Vaca Mts., 1892.
- No. 13,486. *Angelica breweri* Gray.
Bear Valley, Nevada Co.
- No. 13,487. *Angelica hendersonii* C. & P.
Newport, Mendocino Co., 7-30-92.
- No. 13,488. *Cymopterus terebinthinus* J.
J. Sisson, July, 1894. var. cal. J.
- No. 13,489. *Phacelia anavolsens* Greene.
Mt. Tamalpais, June 11, 1891.
- No. 13,490. *Phacelia*.
Monterey, Aug. 8, 1896.
- No. 13,491. *Fropidocarpum gracile* Hook.
var. *scabrosculum*
Helixide near Smith Peak, Marysville Butte,
Apr. 20, 1891.
- No. 13,492. Same. Valley of the Butte Pass,
Apr. 20, 1891.
- No. 13,493. *Beta vulgaris* L. Alviso School,
William Hall sta. and Centerville. June
7, 1896.
- No. 13,494. *Cherophyllum album* L. Berkeley.
Sept. 1894.
- No. 13,495. *Cherophodium album* L. Summit,
Nevada Co., July, 1898.
- No. 13,496. *Crataegus douglasii* Lindl.
Shasta Spr., August, 1894.
- No. 13,497. *Lasthenia glaberrima* DC.
Alvarado, June 7, 1896. (H. Gray)
- No. 13,498. *Bisduvalia stricta* Greene.
Montezuma Hills, Solano Co., 5-13-92.
- No. 13,499. *Ribes victoris* Greene. Nie-
baum's Dam, St. Helena, May 9, 1893.
- No. 13,500. *Ribes sanguineum* var. *glutinosum*
Loud. Razo Valley, Marin Co., Apr. 5, 1892.
- No. 13,501. *Ribes sanguineum* var. *glutin-
osum* (Bth.) Lake Mendocino, S. P., 3-12-92.

- No. 13,502. *Ribes malvaceum* Sm. Greasewood
Hills, Schamba Co. 4-26-99.
- No. 13,503. *Ribes malvaceum* Sm. Gato Canyon,
Vaca Mts., 12-20-89.
- No. 13,504. Same. Vacaville, 2-3-92 (Weldon
Cotton).
- No. 13,505. *Ribes viscosissimum* Pursh var.
Summit, Nevada Co., July 1898. Hallii
- No. 13,506. *Ribes victoris* Greene. Gato Canyon,
Vaca Mts., 3-25-92.
- No. 13,507. " *menziesii* var. *virius* of Jan-
ewski! really *R. victoris* Greene! Mt.
St. Helena, Middleton grade, 5-5-93.
- No. 13,508. *Ribes victoris* Greene. Gato Canyon,
Vaca Mts., 6-20-92.
- No. 13,509. *Ribes divaricatum* var. *klamathense*
J. Sisson, July 1894.
- No. 13,510. " *menziesii* Pursh var. *retinea-
tum* Jepson. Santa Cruz Mts., Gilroy grade to
Watsonville, 6-16-96.
- No. 13,511. *Ribes californicum* A. & A. Pope Valley
grade from Calistoga, 5-2-93. *roezlii* var.
- No. 13,512. *Ribes subaeternum* Ha!! A. *alpinum*
Cov. Oleria, Marin Co., Apr. 1, 1893.
- No. 13,513. *Ribes menziesii* var. *leptogonum*
Same as 13,512. Mt. Tamalpais. 4-5-92.
Feb. 1896.
- No. 13,514. " *roezlii* var. " 7-31-92
- No. 13,515. *Ribes amictum* Greene. Sherrwood Forest.
- No. 13,516. " *roezlii* Rgl. Bear Valley, Nevada Co.,
July 1898.
- No. 13,517. " " " " July 1898.
- No. 13,518. " " " " July 1898.
- No. 13,519. " " " " July 1898.
- No. 13,520. " *nevadense* Kell. Halfway up from
Cedar Spr. to Horse Camp, Mt. Shasta, Aug.
4, 1894.
- No. 13,521. Same. Bear Valley, Emigrant Gap,
July 1898.
- No. 13,522. *Ribes roezlii* var. *caerulentum* (Greene) Toll-Horne
road, Mt. St. Helena, 5-5-93.
- No. 13,523. Same. Middleton grade, Mt. St. Hel-
ena (below Toll-Horne), 5-5-93.
- No. 13,524. *Ribes roezlii* var. *caerulentum*
Same. Aux Cabin, w. of St. Hel-
ena, 4-25-93.
- No. 13,525. Same. " " " " " " "

- no. 13, 526. *Ribes malvaceum* Sm. North Berkeley, Jan. 1896.
- no. 13, 527. Same. North Berkeley, 3-28-96
- no. 13, 528. *Ribes victoris* Greene. Gate Cañon Vaca Mts., June 15, 1893.
- no. 13, 529. *Linum adenocephalum* Gray. Big Horse Mt., nw. Lake Co. July-Aug. 1892.
- no. 13, 530. Same. Mt. Hanna, Lake Co., 7-14-
- no. 13, 531. *Linum breweri* Gray. Arapaho Hills, May 28, 1884. nw. Solano Co.
- no. 13, 532. Same. Suisun Valley, 6-19-91.
- no. 13, 533. Same. Gates Cañon, Vaca Mts., 6-20-
- no. 13, 534. Same. Miller Cañon, Vaca Mts., 5-23-92.
- no. 13, 535. *Linum californicum* Benth. Howell Mt.
- no. 13, 536. *Linum congestum* Gray. Tiburon, 7-20-91. Lewisville, 7-24-91.
- no. 13, 537. *Linum Lewisii* Ph. South Yolla Bolly, 7-24-91.
- no. 13, 538. Same. West Berkeley, 4-25-91.
- no. 13, 539. *Linum micranthum* Gray. Sisson, July, '94.
- no. 13, 540. *Linum micranthum* Gray. Mt. Diablo, May 23-24, 1891.
- no. 13, 541. *Linum ~~pergraculum~~ ^{pergraculum} Gray* Small region of Mt. Konetti, July, 1892.
- no. 13, 542. Same* Mt. St. Helena, lower slopes, 7-19-94.
- no. 13, 543. Same. Collins Camp, Vaca Mts. 6-20-92.
- no. 13, 544. *Linum micranthum* Gray. Mt. Hanna, 7-14-91.
- no. 13, 545. *Linum pergraculum* Gray. 7-16-92.
- no. 13, 546. *Linum californicum* Benth. Zen Zen, nw. Napa Co., July, 1892.
- no. 13, 547. *Oxalis oregana* Nutt. 3-29-91. Marin Co., Mill Valley.
- no. 13, 548. *Linum Douglasii* R. Br. Mill Valley, Marin Co., 4-10-97.

* No. = *L. californicum*

- no. 13, 549. *Linum Douglasii* R. Br. Wineshaw Creek, tributary of Cottonwood Creek, Belknap Co., 4-27-99.
- no. 13, 550. Same. Ross Valley, Marin Co. 3-23-96.
- no. 13, 551. Same. West Berkeley, 4-25-91.
- no. 13, 552. *Linum Douglasii* rosea Hort. Willows, 5-1-91.
- no. 13, 553. *Erodium botrys* Bertol. Ross Valley, Marin Co. 3-23-96.
- no. 13, 554. Same. Vacaville, 3-20-01.
- no. 13, 555. Same. Willow Branch, Marysville Buttes, 20 Apr. 1891.
- no. 13, 556. Same. San Francisco, 3-1-91.
- no. 13, 557. *E. leucanthum* 2 Her. Berkeley, 5-18-91.
- no. 13, 558. Same. Thomas Val., San Jacinto Mts., May, 1901.
- no. 13, 559. Same. Olama, 3-28-97.
- no. 13, 560. Same. Berkeley, Sept. '94.
- no. 13, 561. *E. macrophyllum* Nutt. 5-1-99.
- no. 13, 562. Same. Montezuma Hills, Solano Co., 6-14-92.
- no. 13, 563. *Geranium carolinianum* L. Berkeley, in 1891.
- no. 13, 564. Same. Sisson, July, 1894.
- no. 13, 565. Same. Berkeley, Apr. 1891.
- no. 13, 566. Same. " May 18, 1891.
- no. 13, 567. Same. Marysville Buttes, 20 Apr. 1891.
- no. 13, 568. *Geranium carolinianum* Nutt. Laytonville, July, '97.
- no. 13, 569. *G. ~~carolinianum~~ ^{carolinianum} Nutt.* Yosemite Nat. July, '96.
- no. 13, 570. Same. Sisson, July, 1894.
- no. 13, 571. *G. ~~carolinianum~~ ^{carolinianum} Nutt.* Big Meadows, Coulterville - Yosemite road, 7-6-96.
- no. 13, 572. *Polygala californica* Nutt. Santa Cruz Mts., Gilroy - Watsonville road, 6-16-96.
- no. 13, 573. Same. Mt. Diablos - 6-11-92.
- no. 13, 574. *Polygala cornuta* Pall. Sisson, July, '94.
- no. 13, 575. Same. Shasta Sprs. Aug. '94.
- no. 13, 576. *Cercis occidentalis* Fors. Pleasant Valley, 5-23-97. - nw. Solano Co.
- no. 13, 577. Same. Suisun, Sac. River, Aug. '94.
- no. 13, 578. Same. Randolph Flat, Nevada Co., 4-15-92.
- no. 13, 579. Same. Gates Cañon, Vaca Mts., 3-25-92.
- no. 13, 580. Same. Marysville Buttes, 4-20-91.
- no. 13, 581. Same. Miller Cañon, Vaca Mts., c. 1889.
- no. 13, 582. *Amorpha californica* Nutt. 1904. Rebecca ranch, sw. of Calistoga, 10-14-

- no. 13,583. Same. Mt. Tamalpais, 6-11-92.
 no. 13,584. *Thermopsis macrophylla* Hook.
 Union Sta., lower Napa Valley,
 4-27-93.
 no. 13,585. Same. 4-28-93. Near Napa.
 no. 13,586. *Pickeringia montana* Nutt. Vaca
 (Gato Canyon). May 6-20-92.
 no. 13,587. Same. Collins Camp, Vaca Mts. 6-12-93.
 no. 13,588. Same. Miller Canyon, " " 5-23-97.
 no. 13,589. *Psoralea orbicularis* Lindl. Howell Mt.,
 no. 13,590. Same. Bowen Caus., Marin Co. 6-26-93.
 no. 13,591. Same. Ross Valley, Marin Co. 7-3-96.
 no. 13,592. *Psoralea macrostachya* DC. Gates
 Canyon, Vaca Mts., 7-7-91.
 no. 13,593. Same. Suisun Marshes, Oct. 1890.
 no. 13,594. Same. Putah Creek, Winters, Sept. 17,
 no. 13,595. *Psoralea physodes* Dougl. Mt. Diablo.
 May 23-24, 1891.
 no. 13,596. Same. Mt. Tamalpais, 6-11-92.
 no. 13,597. *Glycyrrhiza lepidota* Pursh.
 Adams Isl., near Sacramento, Oct. 1893.
 no. 13,598. Same. Little Oak, Vacaville, July 1895.
 no. 13,599. Same. Mt. Diablo. May 23-24, 1891.
 no. 13,600. Same. Main Prairie, Solano Co., July 5,
 no. 13,601. *Melilotus albus* Desr. Alameda, Sept. 7, 97.
 no. 13,602. Same. St. Helena, Nov. 5, 1896.
 no. 13,603. Same. Scott Valley, Lake Co., Aug. 1, 1892.
 no. 13,604. *Vicia americana* Muhl. Sisson. July
 no. 13,605. Same. Berkeley. 5-7-96. var. *linearis* Wats.
 no. 13,606. Same. Vacaville, Mar. 16, 1896.
 no. 13,607. Same. South Peak, Marysville Buttes, 4-20-97.
 no. 13,608. Same. Mt. Diablo. May 23-24, 1891.
 no. 13,609. Same. Var. *truncata* Brew. Oakville, Napa Co.
 no. 13,610. Same. Montezuma Hills, Solano Co., 5-14-92.
 no. 13,611. *Vicia gigantea* Hook. Berkeley. 1897.
 no. 13,612. *Vicia sativa* L. St. Helena, hills east, 4-
 no. 13,613. *Vicia californica* Greene. 124-93.
 Hazel Green, Yosemite trail, 7-5-96.
 Marin Co.
 no. 13,614. *Vicia americana* Muhl. Mt. Diablo,
 May 23-24, 91.
 var. *linearis* + var. *truncata* on one plant!

- = *V. exigua* var. *hasssei*
 no. 13,615. *Vicia Hasssei* Wats. Lummus, May 9.
 L. Jepsonii ssp. *californicus*
 no. 13,616. *Lathyrus* ~~uniflorus~~ Wats.
 Little Oak, Vacaville, 3-15-96.
 no. 13,617. Same. Shasta Sprs. 8-9-94.
Lathyrus Jepsonii ssp. *californicus*
 no. 13,618. Same. Vacaville. 1892.
 no. 13,619. Same. Vacaville. May 2-6, 1891.
 no. 13,620. Same. Gates Canyon, Vacaville, 6-12-93.
 discarded sterile
 no. 13,621. Same. Little Oak, Vacaville,
 12-30-94.
 no. 13,622. " " " 5-15-96.
 no. 13,623. Same. Bear Valley, Nevada,
 July, 1898.
 no. 13,624. *Lathyrus jepsonii* Greene
 Seal Sta., Suisun Marshes, Oct. 6, 1890.
 no. 13,625. *Lathyrus sulphureus* Brew.
 Hazel Green to Yosemite. July, 1896.
 no. 13,626. *Lathyrus torreyi* Gray. Re-
 becca ranch grade, sw. of Colusa.
 2 May 1897.
 no. 13,627. *Lathyrus vestitus* Nutt.
 ssp. *solanensis* (Wats.) Hitchc.
 Rose Valley, Marin Co., 3-23-96.
 no. 13,628. *Lathyrus vestitus* Nutt.
 Lake Temescal, Oakland Hills.
 3-11-96.
 no. 13,629. Same. University Hill, Berk-
 ley, 3-27-96.
 no. 13,630. Same. Berkeley. 4-23-92.
Lathyrus vestitus ssp. *puberulus*
 no. 13,631. Same. Howell Mt. below New
 Eden. Nov. 26-27, 1896.
 no. 13,632. *Lathyrus vestitus* Nutt.
 Ross Valley, Marin Co., 4-5-92.

No. 13,633. *Lathyrus vestitus* Nutt.
Fisch. Ranch, e. side Berkeley Hills,
June 9, 1891. = *L. watsonii* ^{White}

No. 13,634. *Lathyrus*. Crane Creek, w. of
Red Bluff, Apr. 25, 1899.*

No. 13,635. Same. Rosewood, Tehama Co.
Apr. 26, 1899.

No. 13,636. Same. St. Helena, hills east.
Lathyrus bolanderi Wats. Apr. 24, 1893.

No. 13,637. *Vicia americana* var. *truncata*
Brew. Ross Valley, Calif., Apr. 5, 1892.

No. 13,638. Same. Mt. Diablo. May 22-23,
1891.

No. 13,639. *Vicia americana* var. *truncata*
Brew. Berkeley, May 18, 1891.

No. 13,640. *Vicia gigantea*. Hook. Petro-
lia, Humboldt Co., in 1902; Aug. 4.

No. 13,641. *Lupinus luteolus* Kell.
Kelseyville, Lake Co., July, 1892.

No. 13,642. *Lupinus stiversii* Kell.

Dorris Carr, Marin Co., July 14, 1886
Jepsonii csp.

No. 13,643. *Lathyrus californicus* (Wats.)
Miller Cañon, Yuba Mts., Apr. 5, 1885.

No. 13,644. *Lathyrus polyphyllus* Nutt.
var. *insecundus* Jepson. Olama, Marin Co.,
3-28-'92.

No. 13,645. *Lathyrus* ~~insecundus~~
truncata Brew. Berkeley, 5-18-'91.

No. 13,646. *Trifolium albopurpureum*

J. & J. Rosewood, Tehama Co., 25 Apr.
1899.

No. 13,647. *Trifolium dichotomum*
H. & A. Conn Valley, Napa Co., May 1, '94.

* *L. sulphureus* Brew. var. *argillaceus* Jepson.

No. 13,648. *Trifolium californicum*
var. *turbinatum* (Jepson). Ross
Valley, Apr. 8, 1894.

No. 13,649. *Trifolium amoenum* Greene.
Vacaville, June 18, 1892.

No. 13,650. *Trifolium* ^{= *T. Wormskjoldii* Lehm.}
involueratum Ort.

var. *finibrietum* Jepson. Sisson. July, '94.
No. 13,651. *Trifolium* ^{= *T. Wormskjoldii* Lehm.}
involueratum Ort.
Bear Valley, Nevada Co., July, 1898.

No. 13,652. *Trifolium* ^{= *T. Wormskjoldii* Lehm.}
involueratum Ort.
Saffron to Ft. Bragg. July 31, 1892.

No. 13,653. *Trifolium* ^{= *T. Wormskjoldii* Lehm.}
involueratum Ort.
Cerritos, Solano Co., 30 May, '91.

No. 13,654. Same. Howell Mt., 26 June '93.

No. 13,655. Same. Mt. Diablo. May 23-24,
1891.

No. 13,656. *Trifolium* ^{*olivaceum*}
olivaceum ^{*Columbianum*}
Vacaville. April, 1889. greens.

No. 13,657. *Trifolium* ^{*olivaceum*}
olivaceum ^{*Greenii*}
May 1, 1899. Willows, Glenn Co. greens.

No. 13,658. Same. Little Oak, Vacaville,
May 3-4, 1899.

No. 13,659. Same. Vacaville, May 2-6, 1891.

No. 13,660. Same. Little Oak, Vacaville.
16 May 1892.

No. 13,661. *Trifolium microdon* H. & A.
Mt. Diablo. May 22-23, 1931.

No. 13,662. Same. Vacaville. Apr. 10, 1885.

No. 13,663. *Trifolium dichotomum* H. & A.
near summit Pope Valley grade e. of Cali-
stoga. May 2, 1893.

No. 13,664. Same. Hood's Peak range w. of
St. Helena (Carr. Cabin), 4-25-'93.

No. 13,665. *Trifolium dichotomum*
H. & A. Howell Mt., below New Eden,
May 8, 1893.

No. 13,666. *Trifolium ciliatum* Nutt.
= *T. ciliolatum* Benth.
Sutter City. Apr. 20, 1901. ^(? 1891 left on label)

No. 13,667. Same. Crane Creek, w.

Tehama Co., 25 Apr. 1899.

No. 13,668. Same. Vacaville, Apr. '90.

No. 13,669. Same. Vacaville, May 6, '84.

No. 13,670. *Trifolium albopurpureum*

T. & G. May 16-17, 1891. Livermore.

No. 13,671. Same. Fish Ranch, Berkeley Hills, June 9, 1891.

No. 13,672. *Trifolium tridentatum* Lindl.
St. Helena, hills east of, Apr. 24, 1893.

No. 13,673. Same. Pope Valley grade 2. of
Calistoga, May 2, 1893.

No. 13,674. Same. Yountville, Apr. 27, 1893.

No. 13,675. Same. Red Bluff. Apr. 30, 1894.

No. 13,676. Same. Vacaville, Apr. 1890.

No. 13,677. Same. Wildon Canon, Vaca Mts., 6-7-
79.

No. 13,678. Same. Marysville Buttes, 4-20-91.

No. 13,679. Same. Vacaville. May 15, 1896.

No. 13,680. Same. Vaca Mts., Pine Peak,
May 17, 1892.

No. 13,681. *Trifolium tridentatum* Lindl.
Yountville, Vaca Co., 4-27-93.

No. 13,682. *Trifolium microcephalum* Ph.
Yuba City. 20 Apr. 1891.

No. 13,683. *Trifolium microcephalum*
Ph. Vacaville. Apr. 1889.

No. 13,684. *Trifolium barbigerrum* Torr.
San Francisco, May 20, 1891.

No. 13,685. *Trifolium gracilentum* T. & G.
Vacaville, Apr. 15, 1889.

No. 13,686. Same. Vacaville. 6 May 1884.

No. 13,687. Same. Vacaville, Apr. 10, 1885.

No. 13,688. Same. Sutter City. 20 Apr. 1891.

No. 13,689. *Trifolium obtusiflorum* Hook.
Miller Canon, Vaca Mts., May 23, 1897.

* No. 13,690. Same. Wildon Canon, Vaca Mts.,
June 1, 1891.

No. 13,691. *Trifolium pratense* L. Sisson,
July, 1894.

No. 13,692. Same. Tyler Isl., lower Sacra-
mento River, Oct. 4, 1893.

No. 13,693. *Trifolium longipes* Nutt.
Summit sta., Nevada Co., July 1898.

No. 13,694. Same. Soldiers Ridge, ne.
Mendocino Co., July 24, 1897.

No. 13,695. *Trifolium cyathiferum*
Lindl. Soldiers Ridge, n. ^{Trinity} ~~Trinity~~
Bo. July 24, 1897.

No. 13,696. Same. Gravelly Valley, n.
Lake Co., July-Aug., 1892.

No. 13,697. *Trifolium oliganthum* Stand.
St. Helena, hills e. of, Apr. 24.

No. 13,698a. *Trifolium gracilentum* T. & G. (M. Hinton 1971)

- No. 13,698. *Trifolium oliganthum* Steud.
Fish ranch, Berkeley Hills, June 9, 1891.
- No. 13,699. Same. Knoxville grade to
Lower Lake, July, 1892.
- No. 13,700. Same. Raso Valley, Marin Co.,
Apr. 5, 1892.
- No. 13,701. Same. Berkeley. Apr. 23, 1891.
- No. 13,702. *Trifolium bifidum* Gray.
Vacaville, Apr. 1890.
- No. 13,703. Same. Crane Creek, w.
Delama Co., 25 Apr. 1889. var. *decip.*
green.
- No. 13,704. Same. Red Bluff. Apr. 1891.
- No. 13,705. *Trifolium macraei* H. & A.
San Francisco. May 20, 1891.
- No. 13,706. *Trifolium variegatum* Nutt.
Yountville, Napa Valley, Apr. 27, 1893.
- No. 13,707. Same. Fish Ranch, Berkeley
Hills, June 9, 1901.
- No. 13,708. Same. Hills e. of St. Helena. Apr.
24, 1893.
- No. 13,709. Same. var. *melananthum*.
West Berkeley, Apr. 25, 1891.
- No. 13,710. Same. Penn Valley, Nevada Co., Apr.
15, 1892.
- No. 13,711. *Trifolium variegatum* Nutt. ut.
Diablo. May 23-24, 1891.
- No. 13,712. *Trifolium amoerum* Greene
Vacaville (at Little Oak ranch), May 10, 84.
- No. 13,713. *Trifolium dichotomum* H. & A.
Upper Vaca Valley, on Wells Hill, above, Apr.
5, 1885.
- No. 13,714. *Trifolium fucatum* Lindl. Sutt.
Plains, Apr. 20, 1891.

- No. 13,715. *Trifolium fucatum* Lindl.
Little Oak, Vacaville, May 15, 1896.
- No. 13,716. Same. in 1891, May 2-6.
- No. 13,717. Same. Willows, Glenn Co., 5-1-99.
- No. 13,718. *Trifolium fucatum* var. *flavulum*
Jepson. Vacaville. May 2-6, 1891.
- No. 13,719. Same. St. Helena, hills e. of. 4-24-93.
- No. 13,720. Same. Wild Cat Creek, Berkeley
Hills, May 29, 1896.
- No. 13,721. Same. Cannox Cabin, w. of St. Hel-
ena, Apr. 25, 1893.
- No. 13,722. *Trifolium fucatum* var. *vires-*
cens Jepson. Knights Valley grade near
Calistoga, May 1, 1893.
- No. 13,723. *Trifolium amplexans* P. & G.
var. *truncatum*
Knights Valley road from Calistoga,
May 1, 1893.
- No. 13,724. *T. depauperatum* Desv.
Same.
- No. 13,725. *Trifolium amplexans* var. *truncatum*
Same. Little Oak, Vacaville
Apr. 16, 1889.
- No. 13,726. Same as 13,723 as to data.
- No. 13,727. *Trifolium amplexans*
P. & G. Little Oak, Vacaville. 1890.
- No. 13,728. Same. Vacaville. May 15, 1896.
- No. 13,729. Same. Vacaville. 1890.
- No. 13,730. Same*. Red Bluff. 4-30-99.
- No. 13,731. Same*. Livermore. May 16-17,
1891.
* var. *truncatum* Jepson.

No. 13,732. *Trifolium amplexens* T.
s.g. var. *truncatum* Jepson.

Vacaville, May 16, 1896.

No. 13,733. *Trifolium* Vacaville, Apr. 10, 1885.
amplexens T. & G.

No. 13,734. Same.

No. 13,735. *Trifolium depauperatum*
var. *inconspicuum* Spar.

Long Willows Road sta., Fresno Co., Apr.
8, 1927. This material separated

from sheets no. 11,584. See *.

No. 13,735a. *T. gracilentum* T. & G. (M. Pirano, 1970)
No. 13,736. *Trifolium depauperatum*
Deer. Flameda. May 10, 1891.

No. 13,737. Same. Calistoga, May 1, 1893.

No. 13,738. Same. Mt. George, Napa
Range, plateau north of. Apr. 28, '93.

No. 13,739. Same. St. Helena, hills e. of.
Apr. 24, 1893.

No. 13,740. *Trifolium columbinum* var.
argillorum Jepson. Mt. St. Helena
grade, Jepson, May 3, 1893. **

No. 13,741. *Trifolium variegatum* Nutt.
Vacaville, May 15, 1896.

No. 13,742. *Trifolium fucatum* Lindl.
var. *virescens* Jepson. Rutherford,
Napa Valley, 1893.

No. 13,743. *Astragalus clelandii*

Greene. Butte Cañon, Napa Co., July 13, '97.

* = *T. depauperatum* Deav. var. *angustatum* Greene.

** = *T. albopurpureum* T. & G., cited in Fl. Cal.

No. 13,744. *Astragalus douglasii* Gray
var. *subglobosus* Jepson. San

Joaquin Co. Plains, June 27, 1896. See
vol. 1, p. 82a.

No. 13,745. *Astragalus dispermus*
Gray. Cahuilla Valley, Riverside

Co., May 27, 1901. See vol. 6, p.
124 ante, and p. 124 a.

No. 13,746. *Astragalus hookerianus*
South Yalco Valley, summit. Gray.
July 25, 1897. = *A. whitneyi* Gray.

No. 13,747. *Astragalus nuttallii* Howell
= *A. nuttallii* Howell
Monterey, Aug. 8, 1896. Pt. Pinos.

No. 13,748. *Astragalus nuttallii* Howell
Same. Pt. Lobos S.F. 8-20-96.

No. 13,749. *Astragalus gambelianus* Sheld.
= *Astragalus ingrescens* Nutt.
Ciane Creek, w. Tehama Co., 4-25-'99.

No. 13,750. Same. Berkeley. 5-18-'91.

No. 13,751. Same. Livermore. 5-16-17 in 1891.

No. 13,752. Same. Pico Peak, Yuba Co., 5-17-'92.

No. 13,753. Same. East of Calistoga, on Pope
Valley grade, May 2, 1893.

No. 13,754. *Astragalus purshii* Dougl. var.
hookeri Jones. South Yalco Valley, July 25, 1897.

No. 13,755. *Astragalus tener* Gray.

Vacaville, 5-15-'96.

No. 13,756. *A. rattani* Gray Salt Gulch, Grease-
wood Hills, w. Tehama Co., 4-27-'99.

No. 13,757. *A. tener* Gray Vacaville. May 2-6, 1897.

No. 13,758. Same. Vacaville, 5-16-'92.

No. 13,759. Same. Yuba City. Apr. 20, 1891.

No. 13,760. = *A. asymmetrius* Sheld.
Astragalus leucophyllus

No. 13,798. *Lotus douglasii* Greene var. *nevadensis* Ott.

Betw. Hazel Green and Big Mdw.,

Yosemite region, July 5, 1896.

No. 13,799. Same. Big Mdw., July 5, '96.

No. 13,800. *Lotus douglasii* Greene var. *congestus* Ott. Asa Bean

Ridge, nr. Mendocino Co., July 26, 1897.

No. 13,801. *Lotus douglasii* Greene var. *nevadensis* Ott. Bear Valley, Nevada Co., July 1898.

No. 13,802. *Lotus heermanni* D. Hb. Soquel Cañon, Santa Cruz Co., 6-22-96
= *L. eriophorus* Greene, var. *heermanni* Ott.

No. 13,803. *Lotus eriophorus* Greene. ^{at heermanni} San Francisco. 9-26-'92.

No. 13,804. *Lotus scoparius* Ottley. Weldon Cañon, Elko Mts., June 1, 1891.

No. 13,805. *Lotus scoparius* Ottley. Howell Mt., June 26, 1893.

No. 13,806. *Lotus grandiflorus* Greene var. *multiflorus* Ottley. Vaca Mts., Aug. 1892.

No. 13,807. *Lotus strigosus* Greene. Butte Pass, Marysville Buttes, Apr. 20, 1891.

No. 13,808. *Lotus grandiflorus* Greene. Collins Camp, Vaca Mts., June 12, 1893.

No. 13,809. Same. Vaca Mts., ridge at head of Miller Cañon, 23 May 1897.

No. 13,810. *Lotus humistratus* Greene. Ross Valley hills, Marin Co., 2-25-20.

No. 13,811. Same. Mt. Tamalpais. 4-10-'97.

No. 13,812. Same. Butte Cañon = Walker Cañon, Vaca Mts., 5-17-92.

No. 13,813. Same. Wright's sta., Santa Cruz Mts., 6-23-1896.

No. 13,814. Same. Crane Creek, w. Tehama Co., 25 Apr. 1897.

No. 13,815. Same. Lake Temescal, Alameda Co., 6-14-91.

No. 13,816. *Lotus benthani* Greene. Monterey, Aug. 8, 1896.

No. 13,817. *Salix laevigata* (Pursh) X *aragipia* Japson. Chandler Cañon, Aragipia Hills, Solano Co. May 2-6, 1891.

No. 13,818. *Callitriche artemisioides* L. ^{sergnaphrodites} Libby, 9 June 1896.

No. 13,819. *Callitriche marginata* Torr. Napa Valley, Apr. 30, 1893, at Calistoga.

No. 13,820. *Callitriche marginata* Torr. Yountville, Apr. 26, 1893.

No. 13,821. *Callitriche palustris* L. var. *bolanderi* J. Calistoga, May 1, 1893.

No. 13,822. *Callitriche palustris* L.

Olema, Marin Co., Mar. 28, 1897.

No. 13,823. *Photinia arbutifolia* (Lindl.) ^{= heteromeles} Marysville Buttes, Apr. 20, 1891. M. Rose.

No. 13,824. Same. St. Helena, Nov. 26, 1895.

- no. 13,825. *Osmaronia cerasiformis* ^{Greene} (T. Ry.)
Pt. Lobos, S. F., 8-20-91.
- no. 13,826. Same. Lake Temescal, Oakland Hills, Mar. 4, 1891.
- no. 13,827. Same. Olema, Marin Co. 3-28.
- no. 13,828. Same. Niebaum's dam, sw. of St. Helena, May 9, 1893.
- no. 13,829. Same. Middle town grade near Mt. St. Helena, May 5, 1893.
- no. 13,830. *Adenostoma fasciculatum* Nutt.
near St. Helena, in Grape Valley. 6-2-96.
- no. 13,831. *Osmaronia cerasiformis*. Berkeley. Mar. 1, 1891.
- no. 13,832. *Adenostoma fasciculatum* Nutt.
Collins Camp, Vaca Mts., 20 June '92.
- [no. 14,362. *Prunus subcordata* Bth.
see p. 68. St. Helena, e. of, on hill near stone bridge, Apr. 24, 1893.]
- no. 13,833. Same. Weldon Cañon, Vaca Mts.
June 1, 1894.
- no. 13,834. *Prunus emarginata* Wats.
Asa Bean ridge, July 26, 1897.
- no. 13,835. Same. Shasta Sprs., Aug. 9, '94.
- no. 13,836. Same. Niels Camp, Mt. Shasta, Aug. 4, 1894.
- no. 13,837. Same. Strawberry, Tuolumne Co.
cf. 31:141 ante. July 12, 1915.
^{virginiana var.}
- no. 13,838. *Prunus demissa* Wats.
Yosemite Valley, July 7-12 '96.
^{virginiana var. melanocarpa}
- no. 13,839. *Prunus demissa* Wats. - Sisson.
^{virginiana var.} July 1894.
- no. 13,840. *Prunus virginiana* July 1894.
^{var. tenuis} Middle Eel River, Baxter
Roberts's Camp, north fork of.
27 July 1897. Trinity Co. ^{melanocarpa}
- no. 13,841. *Prunus demissa* Wats. Cali-
fornia, sw. of, Hawks Peak Range, Apr.
30, 1894.

- no. 13,842. Same. Santa Lucia Mts.,
June 1901. cf. no. 7:13.
- no. 13,843. *Purshia tridentata* DC. July '94.
Sisson, Shasta, ^{1/2 way up trail to Horse Camp} Aug. 4, 1894.
- no. 13,844. Same. ^{from} Sisson.
- no. 13,845. *Physocarpus opulifolius* Maxim.
~~capitulatus~~ Sisson, July 1894. Siskiyou Co.
- no. 13,846. *Physocarpus capitatus* Ktze.
Shasta Sprs., Aug. 1894.
- no. 13,847. Same. Howell Mt., Nov. 26, 1895.
- no. 13,848. Same. Betw. Forks of Salmon
and Cecilville, July 19, 1902
Siskiyou Co.
- no. 13,849. *Sorbus* ^{scopulina Greene} ~~atkinsii~~ ^{densa Jepson} Roem. var.
Bear Valley, Nevada Co., July, 1898.
- no. 13,850. *Sorbus scopulina* Greene.
Same. Sisson. July, 1894.
- no. 13,851. *Chamaebatia foliolosa* Torr.
Btw. Bowers Cove. and Hazel Green, July
4-6, 1896.
- no. 13,852. Same. Toll House to Hazel Green,
Mariposa Co., July 4, 1896.
- no. 13,853. *Crataegus douglasii* Lindl.
Sisson, July, 1894.

- no. 13, 854. *Spiraea densiflora* Nutt.
Summit sta., Nevada Co., Aug. '98.
- no. 13, 855. *Spiraea douglasii* Hook.
Sisson, Siackim Co., July, 1894.
- no. 13, 856. *Holodiscus* ^{*microphyllus* var. *strobiliferus*}
~~*globosus*~~ Jepson. Horse Camp,
Mt. Shasta, Aug. 4, 1894.
- no. 13, 857. Same. ^{*Holodiscus* var. *microphyllus* Jepson}
Summit sta., Nevada Co., July 1898.
- no. 13, 858. Same. var. *dumosus* D. Don.
South Yols Bolly, 25 July, 1897.
- no. 13, 859. Same. var. *franciscanus* Jepson.
Glenbrook, Lake Co., July 15, 1897.
- no. 13, 860. Same. var. *franciscanus* Jepson.
Mt. Tamalpais, June 11, 1892.
- (discarded)
no. 13, 861. Same. Berkeley, Aug. 17, 1891.
- no. 13, 862. *Sanguisorba annua* Nutt.
Sisson, July 1894.
- no. 13, 863. *Geum macrophyllum* Willd.
Bear valley, Nevada Co., July 1898.
- no. 13, 864. *Geum* ^{*sticticum* Ait. Sisson,}
^{*macrophyllum* Willd.} July, 1894.
- no. 13, 865. *Agrimonia* ^{*gryposepala* Wall.}
Tunis Mill, Elk Mt., Aug. 2, 1892.
- no. 13, 866. *Acaena trifida* R. & P. = *A. californica*
claremont, Berkeley Hills,
Apr. 11, 1896. ^{*occidentalis* Nutt.}
- no. 13, 867. *Alchemilla* ^{*arvensis* Scop.}
Rough and Ready, Nevada Co., 13 Apr.,
1892.

* = var. *microphyllum* Jepson.

- no. 13, 868. *Cercocarpus betulaeifolius* Hook.
East of Calistoga, on Pope Valley grade.
May 22, 1893. (C. betuloides Nutt.)
- no. 13, 869. *Cercocarpus betulaeifolius* Hook.
Gates Cañon, Vaca Mts., July 7, 1891.
- no. 13, 870. *Amelanchier* ^{*4. pumila* Nutt.} *alnifolia* Nutt.
Summit sta., Nevada Co., July, 1898.
- no. 13, 871. *Lyonothamnus floribundus* Gray.
var. *asplenifolius* (Greene) Bdg.
Cult. U.C. Botanic Garden, June 28, 1924.
- no. 13, 872. *Fragaria californica* C. & S. Calistoga,
on Knight's valley grade. May 1, 1893.
- no. 13, 873. Same. Ross Valley, Marin Co., 4-5-92.
- no. 13, 874. Same. betw. Sisson and Upton, Siackim
Co., July, '94.
- no. 13, 875. *Fragaria* ^{*var. unguensis*} *chilensis* Dougl.
San Francisco, 22 Dec., 1891.
- no. 13, 876. *Fragaria virginiana* Dougl. var.
^{= *F. platyphala* Hall.} Sisson, Siackim Co.,
July, 1894.
- no. 13, 877. *Rubus parviflorus* Nutt. Berkeley,
Dec. 1898. var. *velutinus* Greene
- no. 13, 878. Same. ^{*var. velutinus* Greene} *var. velutinus* Greene,
Sept. 18, 1900.
- no. 13, 879. Same. Cedar Spr., Mt. Shasta, July
1894.
- no. 13, 880. *Rubus leucodermis* Dougl. Black
Butte (Kinn Peak), Mt. Shasta, July 1894.
- no. 13, 881. *Rubus leucodermis* Dougl. Sisson, July 1894.
- no. 13, 881. *Rubus vitifolius* C. & S. Sisson,
Siackim Co., July 1894.
- no. 13, 882. Same. Hardings Ldy., lower
Roather Run, Apr. 20, 1891.
- no. 13, 883. Same. Berkeley. c. 1886.
- no. 13, 884. *Rosa californica* C. & S. Grand Isl.,
lower Sacramento River, Sept. 17, 1891.
- no. 13, 885. Same. Miller Cañon, Vaca Mts.,
Sept. 21, 1891.

- no. 13,886. Same. Alamo Creek, Yaca Valley, Sept. 1891.
- no. 13,887. *Rosa gymnocarpa* Nutt. Moraga Valley, Contra Costa Co., 1 Oct., '94.
- no. 13,888. Same. Berkeley. May 18, 1891.
- no. 13,889. Same. Ft. Bragg to Sherwood, Aug. 1, 1897.
- no. 13,890. Same. Shasta Sprs., Siskiyou Co., Aug. 9, 1894.
- no. 13,891. Same. Calistoga (on Rebecca ranch grade, sw. of Calistoga), Oct. 14, 1894. *gymnocarpa* Nutt.
- no. 13,892. *Rosa* | Haville Mt., e. side, on Pope Valley grade beyond Angwin, Feb. 23, 1896. *R. spithamea* Wats.
- no. 13,893. *Rosa pisocarpa* Gray. Marin. |
rosa Big Trees.
- no. 13,894. *Rosa pisocarpa* Gray. |
Sisson, July, 1894.
- no. 13,895. *Rosa sonomensis* Greene. Mt. Tamalpais, Marin Co., Sept. 9, '92.
- no. 13,896. *Rosa spithamea* Wats. Elk Mt., n. Lake Co., Aug. 2, 1892.
- no. 13,897. *Psilocarphus tenellus* Nutt. var. *tenellus* Yosemite, July 7-12, 1896.
- no. 13,898. *Psilocarphus brevisimus* Nutt. Little Oak, Vacaville, May 15, 1896.
- no. 13,899. *Psilocarphus brevisimus* Nutt. Mordano, Santa Clara Valley, 6-7-96.

- no. 13,900. *Psilocarphus brevisimus* Nutt. Willows, May 1, 1899.
- no. 13,901. *Psilocarphus brevisimus* Nutt. Little Oak, Vacaville, 1890.
- no. 13,902. *Psilocarphus brevisimus* Nutt. Little Oak, Vacaville, June, 1894.
- no. 13,903. *Psilocarphus oregonus* Nutt. Little Oak, Vacaville, May 15, 1896.
- no. 13,904. *Psilocarphus brevisimus* Nutt. Little Oak, Vacaville, May 15, 1896.
- no. 13,905. *Psilocarphus oregonus* Nutt. Little Oak, Vacaville, May 15, 1896.
- no. 13,906. *Psilocarphus oregonus* Nutt. Denverton, Solano Co., May 30, 1891.
- no. 13,907. *Psilocarphus oregonus* Nutt. Vacaville, May 2-6, 1891.
- no. 13,908. *Psilocarphus oregonus* Nutt. Vacaville, May 17, 1892.
- no. 13,909. *Psilocarphus tenellus* Nutt. var. *tenellus* Crane Creek hills (Stivers Ranch), Tehama Co.
- no. 13,910. *Eremocarpus setigerus* Bth. Vacaville, Sept. 1891.
- no. 13,911. *Croton californicus* Müll. Arg. Mountain Lake, San Francisco, Oct., 1894.
- no. 13,912. *Rhus diversiloba* F. & G. Berkeley, Aug. 1894.
- no. 13,913. Same. Bald Peak, Berkeley, 7-7-94.
- no. 13,914. *Rhus trilobata* var. *pinatifida* Nutt. Middleton grade, Mt. St. Helena, 5 May 1893.
- no. 13,915. Same. Miller Cañon, Yaca Mts., 5-23-97.
- no. 13,916. Same. Shasta Sprs., Aug. 9, 1894.
- no. 13,917. Same. Knoxville grade to Lower Lake, July 29, 1892.
- no. 13,918. Same. Putah Cañon, July, 1892.

- var. *guineata* Jps.
 No. 13,919. *Rhus trilobata* Nutt. Wildon
 Cañon, Vaca Mts., 13 Sept., 1891.
 No. 13,920. *Euonymus occidentalis* Nutt.
 Laytonville, Mendocino Co., 29 July, '97.
 No. 13,921. *Rhus trilobata* Nutt. var. *guineata*
 Jepson. Berryessa Valley, nr. Napa Co., hills n.
 July 28, 1892. = *E. spathulata* Lam.
 No. 13,922. *Euphorbia dictyosperma* P. & M.
 Denver, Solano Co., 30 May 1891.
 No. 13,922a. *Euphorbia crenulata* Engelm.
 South Fork Eel River, Gravelly Valley, n.
 Lake Co., Aug. 4, 1892. = *E. spathulata* Lam.
 No. 13,923. *Euphorbia dictyosperma* P. & M.
 Alameda, 5-10-91. *serpyllifolia* var. *hirtula* & *inter-*
serpyllifolia & *maculata* & *grades*.
 No. 13,924. *Euphorbia*
 Bear Valley, Nevada Co., July, 1898.
 No. 13,925. *Euphorbia ocellata* D. & H.
 La Grange, 2 July, 1896 (Stanislaus Co.).
 No. 13,926. Same. Mt. Diablo, 11 Oct., 1901.*
 No. 13,927. *Euphorbia serpyllifolia* Pers.
 var. *hirtula* & *intergrades*.
 Bear Valley, Nevada Co., July 20, 1898.
 No. 13,928. *Euphorbia maculata*
 Same. Napa, Nov. 7, 1894.
 No. 13,929. *E. serpyllifolia* Pers.
 St. Helena, 1894.
 No. 13,930. Same. Belw. Samuels Sprs. and Actus,
 Napa Co., 12 July, 1897.
 No. 13,931. Same. Benicia. Aug. 28, 1891.
 No. 13,932. Same. Napa. 1 Oct., 1894.
 No. 13,933. Same. Putah Creek near Winters,
 17 Sept., 1887.
 No. 13,934. Same. St. Helena. 5 Nov., 1894.
 No. 13,935. *Aesculus californica* Nutt.
 Vacaville, June 2, 1884.
 No. 13,936. *Vitis californica* Bth. Miller Cañon,
 Vaca Mts., 23 May 1897.

* Pine Cañon.

- No. 13,937. *Acer californicum* Dietr. Harding
 Ldg., Feather River, Sutter Co., 20 Apr. 1891.
 No. 13,938. *Acer macrophyllum* Pursh.
 Bear Valley, Nevada Co., July 1898.
 No. 13,939. Same. Cult. Channing Way, Berkeley,
 Miss. Acad. 5 Oct., 26 Nov., 1903.
 No. 13,940 (discarded). John Humboldt, place.
 No. 13,941. Same as 13,938. Seedlings.
 No. 13,942. *Acer circinatum* Pursh. Sacramento
 River cañon, Aug. 9, 1894.
 No. 13,943. *Acer macrophyllum* Pursh. Twin
 Sisters Peak, w. Solano Co. Oct. 18, 1903.
 No. 13,944. Same. Gato Cañon, Vaca Mts., 3-25-92.
 No. 13,945. Same. Miller Cañon, Vaca Mts., 9-21-91.
 No. 13,946. Same. Ross Valley, Marin Co., 3-23-96.
 No. 13,947. *Acer californicum* ^{segundo var.} ~~Sarg.~~ Alvarado,
 Sept. 7, 1897.
 No. 13,948. *Datisca glomerata* B. & W. Putah
 Creek near Winters, Sept. 17, 1887.
 No. 13,949. Same. Wildon Cañon, Vaca Mts., June,
 1891.
 No. 13,950. Same. Mt. Tamalpais, 11-29-90. 1891.
 No. 13,951. Same. Orinda, Contra Costa Co., Sept. 7,
 1895.
 No. 13,952. Same. Araguaia Rancho, (1895).
 Vaca Valley, Sept. 1891.
 No. 13,953. *Helianthemum scoparium* Nutt.
 var. *vulgare* Jepson. Coulterville, 2-3-90.
 No. 13,954. *Elatine brachyosperma* Gray. Walnut
 Creek, Contra Costa Co., 22 May 1891.
 No. 13,955. *Hypericum formosum* HBK. var.
scouleri Coulter. Snowdon ranch,
 near Calaveras Big Trees, 1890, Aug. 7.
 No. 13,956. *Hypericum anagalloides* A. & S.
 Sisson, July, 1894.
 No. 13,957. *Hypericum concinnum* Bth.
 Mt. Tamalpais, June 11, 1892.
 No. 13,958. Same. Twin Mine, Calaveras Co.,
 Oct. 8, 1902.

- no. 13,959. Same. Gates Cañon, Vaca Mts., June 20, 1892.
 no. 13,960. *Hypericum formosum* HBK. var. *seculeri* Coville. Lagrange, E. Stanislaus Co., July 1, 1896.
 no. 13,961. Same. Sisson, Siskiyou Co., July, 1894.
 no. 13,962. Same. Big Horse Mt., N. Lake Co. Aug. 3, 1892.
 no. 13,963. Same. Howell Mt., Napa Co., 26 June.
 no. 13,964. *Hypericum mutilum* L. 1893. Newtown Rd., Rio Vista, Sept. 16, 1891.
 no. 13,965. *Rhamnus purshiana* DC. Laytonville, Mendocino Co., July 29, 1897.
 no. 13,966. *Rhamnus Purshiana* DC. Same, var. *californica* Jepson. Bear Valley, Nevada Co., July, 1898.
 no. 13,967. Same. Sisson, July, 1894.
 no. 13,968. Same. Bear Valley, Nevada Co., July, 1898.
 no. 13,969. *Rhamnus crocea* Nutt. var. *ilicifolia* (Nutt.) C. B. Wolf, Miller Cañon, Vaca Mts., 21 Sept. 1891.
 no. 13,970. *Rhamnus* *typica* C. B. Wolf. n. of Mt. George, Napa Range, i.e. north of Golden Valley grade, Apr. 28, 1893.
 no. 13,971. *Rhamnus* *typica* C. B. Wolf. n. of Calistoga, on Pope Valley grade, May 2, 1893.
 no. 13,972. *Rhamnus* *californica* Esch. Miller Cañon, Vaca Mts., 21 Sept. 1891.
 no. 13,973. *Rhamnus* *californica* Esch. Gates Cañon, Vaca Mts., 7 July, 1891.
 no. 13,974. Same. *Rhamnus californica* Esch. Bald Peak, Berkeley, Oct. 7, 1893.
 no. 13,975. *R. californica* *typica* C. B. Wolf. Same. Mormon Lake, S. F., 25 Aug. 1893.
 no. 13,976. *R. californica* *typica* C. B. Wolf. Same. Grizzly Peak, Berkeley, Sept. 7, 1895.

- no. 13,978. *R. purshiana* DC. Calito, Mendocino Co., July 30, 1897.
 no. 13,979. *Rhamnus* *Foumentella* Oth. South Park, Marysville Butte, Apr. 20, 1891.
 no. 13,980. Same. Samuel's Spr., Napa Co., 12 July, 1897.
 no. 13,981. *Rhamnus californica* ssp. *tomentella* (Benth.) C. B. Wolf. Same. Horseeshoe Bend near Collier'sville, July 2-3, 1896.
 no. 13,982. *Rhamnus rubra* Greene. Bear Valley, Nevada Co., 20 July 1898.
 no. 13,983. *Rhamnus rubra obtusissima* (Green) C. B. Wolf. Same. Upton, Siskiyou Co., July, 1894.
 no. 13,984. *Ceanothus integrifolius* H. & A. var. *californicus* (Nutt.) Benson. Bear Valley, Nevada Co., 20 July 1898.
 no. 13,985. *Ceanothus integrifolius* H. & A. 1897 on Mt. Hanna, Lake Co. var. *macrophyllus* (Nutt.) Benson.
 no. 13,986. Same. Shasta Spr., Siskiyou Co., Aug. 9, 1894.
 no. 13,987. *Ceanothus cuneatus* Nutt. Calistoga, e. of, on Pope Valley grade, May 2, 1893.
 no. 13,988. Same. Gates Cañon, Vaca Mts., Mar. 25, 1892.
 no. 13,989. Same. Rough & Ready, Nevada Co., 13 Apr. 1892.
 no. 13,990. *Ceanothus paniculatus* (Greene) McMillan. Same. var. *namensis* Greene. Frank Valley grade from Calistoga, May 1, 1893.
 no. 13,991. *Ceanothus cuneatus* Nutt. Collins Camp, Vaca Mts., 25 Mar. 1892.
 no. 13,992. Same. Miller Cañon, Vaca Mts., 23 May, 1897.
 no. 13,993. Same. Mt. Diablo, May 23-24, 1891. West side of mountain.

Ceanothus cuneatus Nutt.

- no. 13,994. Same. Betw. Gila and Corallitos, Santa Cruz mts., 16 June, 1896.
 no. 13,995. Same. Wildon Cañon, Vaca Mts. March 1, 1885.
 no. 13,996. Same. Woods Peak Rang. w. of St. Helena, Apr. 25, 1892.
 no. 13,997. *Ceanothus leucodermis* Greene *divaricatus* Nutt. Yosemite Valley, July 7-12, 1896.
 no. 13,998. *Ceanothus sarcodictus* Nutt. Mt. Tamalpais, Mar. 23, 1896.
 no. 13,999. Same. Gates Cañon, Vaca mts., July 7, 1891.
 no. 14,000. Same. Mar. 29, 1892.
 no. 14,001. Same. June 16, 1893.
 no. 14,002. Same. Gorge of Branches Creek, n. of Wooden Valley grade, Napa Range, Apr. 28, 1893.
 no. 14,003. Same. Marin Co., Calif. in Ross Valley, Apr. 5, 1892.
 no. 14,004. Same. Ross Valley trail to Mt. Tamalpais, Apr. 10, 1897.
 no. 14,005. Same. Cox's Knob, w. of St. Helena, 25 Apr. 1893.
 no. 14,006. *Ceanothus thyrsiflorus* Eick. Mt. Tamalpais, Sept. 9, '92.
 no. 14,007. Same. Pacific Grove, 8 Aug. '90.
 no. 14,008. *Ceanothus cordulatus* Kell. Bear Valley, Nevada Co., July 20, 1898.
 no. 14,009. Same. Soldiers Ridge, near South Yuba Valley, July 24, 1897. ss. Trinity Co.
 no. 14,010. Same. Mt. Shasta near Sisson, July '94.
 no. 14,011. Same. Sisson, July, 1894.

- no. 14,012. *Ceanothus velutinus* Dougl. var. *acutatus* J. G. Aug. 2, 1906. Mt. St. Helena, Sept. 23, 1893.
 no. 14,013. *Ceanothus velutinus* Dougl. Summit sta., Nevada Co., July, 1898.
 no. 14,014. Same. Sisson. July 1894.
 no. 14,015. *Ceanothus diversifolius* Kell. Betw. Hazel Green and Big Meadows, 6 July, '96. Mariposa Co.
 no. 14,016. *Ceanothus foliosus* Parry. Mt. Tamalpais, Sept. 9, 1892.
 no. 14,017. Same. Same loc. Ross Valley trail, 10 Apr. 1887.
 no. 14,018. Same. Mt. Tamalpais. Apr. 5, 1892.
 no. 14,019. Same. " " above Cascades, Nov. 1893.
 no. 14,020. Same. Franz Valley grade from Calistoga, 1 May 1893.
 no. 14,021. *Ceanothus foliosus* Eick. Mt. Hanna, Lake Co. 15 July, 1897.
 no. 14,022. Same. *C. prostratus* Nutt. Mt. Shasta. Aug. 4, 1894.
 no. 14,023. *Ceanothus parryi* Eick. May 6, 1893. Calistoga.
 no. 14,024. Same. Rebecca Ranch grade w. of Calistoga, Oct. 14, 1894.
 no. 14,025. *Ceanothus cuneatus* (Hook.) Nutt. *rigidus* Nutt. Ridge betw. Mill Valley and Muir Woods, 16 Feb., 1896.
 no. 14,026. Same. *Ceanothus cuneatus* Nutt. Mill Valley trail to Mt. Tamalpais, Apr. 10, 1897.
 no. 14,027. *Ceanothus purpureus* Jepson. Millikan Creek gorge n. of Mt. George, Napa Range, 28 Apr. 1893.
 no. 14,028. Same. Wooden Valley grade, Napa Range, Sept. 21, 1893.

No. 14,029. *Ceanothus incanus* T. & G.
Clark's ranch, betw. Calito and Westport.
July 30, 1897.

No. 14,030. Same. Edge redwoods, betw. Clark's
ranch and Westport, Mendocino Co.,
July 30, 1897.

No. 14,031. Same. Mt. St. Helena, on Middle-
ton grade, 5 May, 1893.

No. 14,032. *Ceanothus jepsonii* Greene.
New Eden, Howell Mt., Feb. 23, 1896.

No. 14,033. Same. Mt. St. Helena, on
Middleton grade, 5 May, 1893.

No. 14,034. *Ceanothus lemmingii* Parry.
Rough & Ready, Nevada Co., Apr. 1892.

No. 14,035. *Ceanothus papillosum* T. & G.
Santa Cruz Mts., June, 1896. Coll. somewhere in
the mts. near Soquel or Corralito.

No. 14,036. *Ceanothus prostratus* Bth. var.
divergens Parry.
K. B. G.

divergens, Mt. St. Helena, 5000 ft. May 4, '93.

No. 14,037. *Ceanothus divergens* Parry.
Rebecca ranch grade, sw. of Calistoga; 2 May, '93.

No. 14,038. *Ceanothus divergens* Parry.
Glenbrook, Lake Co., 15 July, 1897.

No. 14,039. Same. Cobb Mt., Lake Co., 15 July,
1897.

No. 14,040. *Ceanothus integrissimus*
H. & A. var. *californicus* (Kell.) Robinson
middle fork of River, Trinity Co. near
South Yolla Bolly.

No. 14,041. *Mentzelia affinis* Greene
San Joaquin Co. plains betw. Mossdale School
and Atlanta, 27 June, 1896.

No. 14,042. *Mentzelia dispersa* Wats.
Sonoma Co., Mariposa Co., July 3, 1896

No. 14,043. *Mentzelia dispersa* Wats.
Pinnacle of South Yolla Bolly,
24 July, 1897.

No. 14,044. *Mentzelia dispersa* Wats.
Dog Vally. e. Nevada Co., Aug. 26, 1896.

No. 14,045. *Mentzelia affinis* Greene.
Plain of San Joaquin Co. betw. Mossdale
School and Atlanta. 6/27/96

No. 14,046. *Mentzelia lindleyi* T. & G.
Morrison Cañon, Niles, June 20, 1897.

No. 14,047. *Mentzelia pectinata* Kell.
South Peak, Marysville Buttes, Apr.
20, 1891. = *M. gracilentia* T. & G.

No. 14,048. *Sida hedracea* Torr. Little
Oak, Vacaville, June 11, 1885.

No. 14,049. *Hibiscus californicus* Kell.

Rio Vista, Solano Co., Sept. 16, 1891.

No. 14,050. *Lavatera assurgentiflora*

Kell. Avalon, cult. Seed from San

Clemente Island. cf. vol. 19, p. 10.

No. 14,051. *Malva parviflora* L. Butte
Pass, Marysville Buttes, 20 Apr., 1891.

No. 14,052. Same. Montezuma School,
Montezuma hills, Solano Co., 14 May 1892.

No. 14,053. *Malva borealis* Wallm. Berkeley
Aug. 1899.

No. 14,054. *Malva rotundifolia* L.
Berkeley, Aug., 1894.

- no. 14,055. *Malva parviflora* L.
Little oak, Vacaville, May 3-4, 1899.
- no. 14,056. *Koeberia cristata* Pers.
Montezuma Hills, Solano Co., 14 May, '92.
- no. 14,057. Same. Head of Miller Cañon,
Vaca Mts., 23 May, 1899.
- no. 14,058. *Elymus glaucus* var. *pubescens*
Davy. = ? Var. *Jepsonii* Davy, fide. Napa
Valley, Jepson 1893.
- no. 14,059. *Sidalcea malvaeflora* Gray.
Corallitas, Santa Cruz Co., 17 June, 1896.
- no. 14,060. Same. Ross Valley, Marin Co.,
23 Mar. 1896.
- no. 14,061. *Sidalcea reptans* Greene var. *nana*
Soldiers Ridge, Trinity Co. *Jepson*.
July 24, 1899.
- no. 14,062. *Sidalcea oregana* Gray.
Hurrell Mt., Napa Co., Sept. 24, 1893.
- no. 14,063. *Sidalcea oregana* Gray ssp. *apicalis*.
Dog Valley, Nevada Co., Aug. 1899.
- no. 14,064. *Sidalcea oregana* Gray.
Sierra, July, 1896. ssp. *apicalis*
- no. 14,065. *Sidalcea oregana* Gray var. *apicalis* J.
Bear Valley, Nevada Co., July, 1898.
- no. 14,066. *Sidalcea glaucescens* Greene.
Summit sta., Nevada Co., July, 1898.
- no. 14,067. *Sidalcea diploscypha* Gray.
Walker Cañon, Vaca Mts., May 17, 1892.
- no. 14,068. Same. Montezuma Hills, Solano
Co., 14 May, 1892.
- no. 14,069. *Sidalcea hartwegii* Gray.
St. Helena, 2 May 1897.
- no. 14,070. Same. Rutherford, Napa Valley,
May 9, 1893.

- no. 14,071. *Sidalcea hartwegii* Gray. Crane
Creek, Stevens ranch, Rosewood, Tehama
Co., 25 Apr. 1899.
- no. 14,072. *Sidalcea oregana* Gray.
Soldiers Ridge, St. Trinity Co.,
24 July, 1897.
- no. 14,073. *Leavenworthia integririma* H. & A.
var. *integririma* Mt. Konetti, Lake Co., July 30, 1892.
- no. 14,074. Same. Kelseyville. July 31, 1892.
↑ Bath. Lower Lake and
- no. 14,075. *Prunus emarginata* Walp.
Emigrant Gap, July, 1898.
- no. 14,076. *Sidalcea malvaeflora* Gray.
Vineland, Napa Co., Apr. 26, 1893.
- no. 14,077. Same. Aragonia Hills, w. Solano
Co., May 2-6, 1891.
- no. 14,078. *Sidalcea diploscypha* Gray.
Putah Cañon, May 1884.
- no. 14,079. Same. English Hills, nw.
Solano Co., May 2-6, 1891.
(u.c. 86.)
- no. 14,080. Same. Vaca Mts., May, '92
- no. 14,081. *Sphaeralcea ambigua*
Gray. Emigrant Cañon, Death Val-
ley, 22 May, 1917. 4200 ft. See
vol. 34, p. 32.

- No. 14,082. *Anemarrhena coccinea* Roth.
Grand Island, Lower Sacramento River,
Sept. 17, 1891.
- No. 14,083. Same. Andrus Isl. Act. 5,
1893 (Lower Sacramento River)
- No. 14,084. *Lythrum hyssopifolia* L.
Yountville, Napa Valley, Sept. 22, 1893.
- No. 14,085. Same. Howell Mt., Sept. 24, 1893.
- No. 14,086. Same. Betw. Gilroy and Crockett's,
east side of summit of Santa Cruz Mts., 18 June, 1896.
- No. 14,087. Same. Ross Valley, Marin Co.,
June 11, 1892.
- No. 14,088. Same. Mt. Tamalpais. 6-11-92.
- No. 14,089. Same. Bono's Carr above Calistoga,
ville, 3 July, 1896.
- No. 14,090. Same. Pacific Grove, 8 Aug., '96.
- No. 14,091. Same. Howell Mt., 26 June, '93.
- No. 14,092. Same. Napa. 7 Nov., 1894.
- No. 14,093. Same. New Eden, Howell Mt.,
June 26, 1893.
- No. 14,094. *Lythrum adsurgens* Greene.
Lake Lagunitas, Marin Co.

- No. 14,095. *Lythrum adsurgens* Greene.
Pacific Grove, Aug. 8, 1896.
- No. 14,096. Same. Cannon Sta., Solano Co.,
1892.
- No. 14,097. *Lythrum californicum* T. & G.
Putah Canon, w. of Winters, 27 July, 1892.
- No. 14,098. Same. Alamo Creek, Vacaville,
Sept., 1891.
- No. 14,099. Same. Putah Creek near Winters,
Sept. 17, 1887.
- No. 14,100. Same. Jarvis Ldg., near Newark,
Alameda Co., 19 June, 1897.
- No. 14,101. *Swainsonia* Marsh. 16 Aug., 1892.
↑ Same.
- No. 14,102. *Lagerströmia indica* L. Coll-
(Discarded) ected in a garden at Santa Rosa.
It was observed by Prof. C. Schroten
of the International Phytogeographic
Excursion, whom I was taking to
Santa Rosa on a visit to Luther Am-
bush's garden. See 28:14 ante.
Crepe Myrtle of gardeners.
- No. 14,103. *Viola ballii* Gray. South Yalco
Bolly, 25 July, 1897.
- No. 14,104. *Viola douglasii* Steud. Gravelly
hill, Vacaville, 10 Mar. 1885.
- No. 14,105. Same. Middleton grade, Mt. St. Helena,
May 5, 1893.
- No. 14,106. Same. Reese Valley, Nevada Co.,
16 Apr. 1892.

- no. 14, 107. *Viola lobata* Bth.
 Sisson, Siskiyou Co., July, 1894.
- no. 14, 108. Same. Bear Valley, Nevada Co.,
 no. 14, 109. Same. Fresno Valley grade near
 Calistoga, 1 May, 1893.
- no. 14, 110. *Viola sermentosa* Dougl. Muhl
 Valley, = *V. sempervirens* Greene.
 Marin Co., Mar. 29, 1891.
- no. 14, 111. *Viola sempervirens* Greene.
 Sequel Canon, Santa Cruz Mts. 20 June, 1888.
- no. 14, 112. *Viola* ~~*purpurea*~~ *purpurea* B. & C.
 Bear Valley, Nevada Co., July, 1898.
- no. 14, 113. Same. Conx's Cabin, w. of St. Helena
 in Herold Peak Range, 25 Apr. 1893.
- no. 14, 114. *Viola purpurea* Kell. * San Jacinto
 Peak, San Carlos Range, 13 May, '07.
 See no. 2716 in vol. 17, p. 52.
- no. 14, 115. *Viola pedunculata* T. & G. Ross
 Valley, Marin Co., Apr. 6, 1892.
- no. 14, 116. Same. Lake Merced, San Francisco,
 1892, Mar. 12.
- no. 14, 117. Same. Mile Square Hill, Ukiah, Sol.
 and Co., Mar. 12, 1884.
- no. 14, 118. *Viola ovalata* T. & G. Gibby,
 hills west of, 16 June, 1896.
- no. 14, 119. *Viola* ~~*canina*~~ *canina* L. var. *adunca*
 Gray. 22 Mar., 1891. San Francisco.
- no. 14, 120. *Viola purpurea* Kell. Mt.
 Shasta. Aug. 4, 1894.
 ssp. *integrifolia* B. & C. ined.
- no. 14, 121. *Parnassia*
 Bear Valley near Emigrant Gap, July, '98.
- no. 14, 122. *Cucurbita foetidissima* HBK.
 Oakdale, Cal., 28 June, 1896.
- * var. *venosa* Brainerd.

- no. 14, 123. *Cucurbita palmata* Wats.
 Oakdale, 27 June, 1896.
- no. 14, 124. ~~*Echinocystis fabacea*~~ *Marah* *fabacea* (Naud.)
 4-20-'91. Plains by Marysville Buttes, Sutter Co.
- no. 14, 125. Same. Howell Mt., Napa Co. Feb. 23,
 1896. *Marah oregonus* Howell
- no. 14, 126. ~~*Echinocystis watsonii*~~ *Marah* *oregonus* Cogn.
 Gates Canon, Vaca Mts., March, 1892.
- no. 14, 127. ~~*Echinocystis fabacea*~~ *Marah* *oregonus* (Naud.)
 4-20-'91. *Marah oregonus* (T. & G.) Howell
- no. 14, 128. ~~*Echinocystis marah*~~ *Marah* *oregonus* Cogn.
 June, 1903. = *E. oregonus* Cogn. Ukiah,
- no. 14, 129. Same. St. Helena. May 2, 1897.
- no. 14, 130. Same. Fresno Valley, 2. of Mark West
 Spr., Sonoma Co., 1 May, 1893.
- no. 14, 131. Same. Ross Valley, Marin Co., Apr. 5,
 1892.
- no. 14, 132. Same. Mt. Tamalpais, 10 Apr. '97.
- no. 14, 133. Same. Mill Valley, Marin Co. 3-29-'92.
- no. 14, 134. Same. Trail to Conx's Cabin, w. of
 St. Helena. Apr. 25, 1893.
- no. 14, 135. ~~*Echinocystis watsonii*~~ *Marah* *oregonus* (Cogn.)
 3-25-'92. Ridge above Collins Camp, Vaca Mts. *oregonus*
- no. 14, 136. ~~*Echinocystis marah*~~ *Marah* *oregonus* (T. & G.) Howell
 De Haven and Ft. Bragg, Jepson 14, 134 = *E. oregonus*.
- no. 14, 137. *Myriophyllum spicatum* L.
 Mountain Lake, S. F., Aug. 25, 1893.
- no. 14, 138. *Myriophyllum* ~~*hypnoides*~~ *brasilense* Camb.
- Aut. Betw. Mt. Hanna and Clear
 Lake, in a mountain pond, there-
 fore nearer Mt. Hanna. 15 July 1897.

- no. 14, 139. *Aralia californica* Wats.
Calistoga, Oct. 14, 1894.
- no. 14, 140. *Cornus nuttallii* And. Gissom.
July, 1894.
- no. 14, 141. Same. Rebecca ranch grade, nw.
of Calistoga, 14 Oct. 1894.
- no. 14, 142. Same. Howell Mt., Feb. 22, 1896.
- no. 14, 143. Same. Shasta Sprs., 9 Aug. '94.
- no. 14, 144. *Cornus californica* Mey. Bear
Valley, Nevada Co., July, 1898.
- no. 14, 145. Same. Haas Slough, e. Solano
Co., June 20, 1893.
- no. 14, 146. Same. Fish ranch, Berkeley
Hills, June 9, 1891.
- no. 14, 147. Same. Berkeley. Sept. 5, 1900.
- no. 14, 148. Same. Berkeley. Feb. 3, 1900.
- no. 14, 149. *Cornus glabrata* Bth. Woods,
Valley, e. Napa Co., 21 Sept., 1893.
- no. 14, 150. Same. Mt. Diablo. May 22-23, '91.
- no. 14, 151. Same. Pope Creek, Napa Co.,
13 July, 1897.
- no. 14, 152. Same. Crompton ranch, betw.
Patterson Valley and Mt. Sanhedrin.
July, 1897.
- no. 14, 153. *Garrya elliptica* Dougl.
Corallitos, Santa Cruz Co., June 16, 1896.
- no. 14, 154. *Garrya fremontii* Torr. Castle Peak,
nw. Mendocino Co., 26 July, 1912.
- no. 14, 155. Same. Island Home, Howell Mt.,
Feb. 23, 1896.
- no. 14, 156. Same. Vaca Mts., head of Wildon
Canyon, Feb. 3, 1892.
- no. 14, 157. Same. Shasta Sprs., Siskiyou
Co., Aug. 9, 1894.
- no. 14, 158. Same. Calistoga Palisades,
2 May, 1893.

- no. 14, 159. Same. Mt. St. Helena summit. Sept.
23, 1893.
- no. 14, 160. Same. Crystal Sprs. grade to Howell
Mt., 22 Feb., 1896.
- no. 14, 161. *Eryngium vaseyi* C. + R. Wilson
Creek, Vacaville, 30 Sept., 1893.
- no. 14, 162. Same. Little Oak, Vacaville, 16 May,
1892.
- no. 14, 163. Same. Betw. Vanden & Little Oak,
Solano Co., 1894, May 23-June 1.
- no. 14, 164. Same. Vacaville, 5 June, 1893.
- no. 14, 165. Same. Little Oak, Vacaville, Sept. 1891.
- no. 14, 166. Same. Elsinora, Solano Co., 1892,
June 12.
- no. 14, 167. Same. Mile Square Field, near Vanden.
May 23-June 1, 1894.
- no. 14, 168. Same. Wilson Creek, Vacaville, 5 June,
1893.
- no. 14, 169. = *Sibbaldia procumbens* L.
Potentilla sibbaldii Hal. Mt.
Shasta, Aug. 4, 1894.
- no. 14, 170. *Potentilla gracilis* Dougl. Bear Val-
ley, Nevada Co., July, 1898.
- no. 14, 171. *Potentilla gracilis* ssp. *nuttallii* (Lehm.) Keck
Same. Soldiers Ridge, July 24,
1897.
- no. 14, 172. *Potentilla gracilis* var. *rigida* Wats.
(var. *halletii* Wolf) ssp. *nuttallii* (Lehm.) Keck.
Same. Josephine, July, 1896.
- no. 14, 173. Same. Josephine, July, 1896.
- no. 14, 174. Same. Bear Valley, Nevada Co.,
(var. *halletii* Wolf) July, 1898.
- no. 14, 175. *Potentilla gordonii* Greene. July,
25, 1897. South Yalco Valley
- no. 14, 176. *Potentilla glandulosa* Lindl. Berkeley,
May 18, 1897. var. *Wrangelliana*
- no. 14, 177. *Sanicula arctopoides* H. & A.
Alema, Marin Co., 28 Mar., 1897.
- no. 14, 178. *Sanicula bipinnata* H. & A. Osage
Canyon, Arapahoe Hills, Solano Co., May
1892

- no. 14, 179. *Sanicula bipinnata* H. & A.
Patah Creek bluffs above Winters on
Solano Co. side. In 1890.
- no. 14, 180. Same. Cabbage Patch, Yuba Co.,
Apr. 8, 1892.
- no. 14, 181. *Sanicula bipinnatifida* Dougl.
Rosewood, w. Tehama Co., 25 Apr., 1899.
- no. 14, 182. Same. Coyote, Santa Clara Co.,
June 9, 1896.
- no. 14, 183. *Sanicula laevicarpa* H. & A. Mt.
Tamalpais, Marin Co., 5 Apr. 1892.
- no. 14, 184. Same. Mt. Tamalpais, trail
above Ross Valley, 10 Apr. 1897.
- no. 14, 185. Same. Mt. Tamalpais, 23 Mar., 1892.
- no. 14, 186. Same. Franz Valley grade, upper
Napa Valley, May 1, 1893.
- no. 14, 187. *Sanicula septentrionalis* Greene
South Yolla Bolly, 24 July, 1897.
- no. 14, 188. *Sanicula menziesii* H. & A. near
Base South Peak, Marysville Buttes,
Apr. 20, 1891.
- no. 14, 189. *Sanicula menziesii* H. & A. var.
pedata Jepson. Calistoga. May 1, 1893.
- no. 14, 190. *Sanicula tuberosa* Torr. on
middleton grade, Mt. St. Helena, near
Lake Co. line, May 5, 1893.
- no. 14, 191. Same. Deer Creek ridge, Nevada
Co. foothills, Apr. 13, 1892.
- no. 14, 192. Same. St. Helena (hills e.), Apr.
24, 1893.
- no. 14, 193. Same. St. Helena (hills e.), Mar.
13, 1893.
- no. 14, 194. Same. Calistoga, hills e., on
Pope Valley grade, 2 May, 1893.
- no. 14, 195. Same. Crane Creek, w. Tehama
Co., 25 Apr., 1899.

- no. 14, 196. *Forilis nodosa* Gaertn. Little Oak
ranch, Vacaville, Sept., 1891.
- no. 14, 197. Same. Little Oak (Vacaville) ranch,
May 3-4, 1899.
- no. 14, 198. Same. Little Oak, Vacaville, May
15, 1896.
- no. 14, 199. Same. " " " May, 1892.
- no. 14, 200. *Camalis* Dutton Cañon, Yuba Mts.,
microcarpa 17 May, 1892.
- no. 14, 201. Same. Crane Creek, w. Tehama Co.,
25 Apr. 1899.
- no. 14, 202. *Dorens carota* L. Alameda,
26 Aug., 1891.
- no. 14, 203. Same. Alameda. 9 Sept., 1897.
- no. 14, 204. *Amni majus* L. Yountville,
Sept. 23-25, 1893.
- no. 14, 205. Same. Apr. - May, '93. " "
- no. 14, 206. *Apiastrum angustifolium* Nutt.
Forest Grove (Evans), Santa Cruz Mts.,
24 June, 1896.
- no. 14, 207. Same. Collins Camp, Yuba Mts.,
20 June, 1892.
- no. 14, 208. Same. Corn Valley, Napa Co.,
June 2, 1896.
- no. 14, 209. *Apium graveolens* L.
Suisun Marshes, Oct. 1893.
- no. 14, 210. Same. Suisun marshes, 16 Aug., '92.
- no. 14, 211. Same. Carmel River, Aug. 10, 1896.
- no. 14, 212. *Berula erecta* Cov. Sisson. July,
1894.
- no. 14, 213. *Carum kelloggii* Gray. Davis
Hills, Vacaville, 1891, Sept. 15.
- no. 14, 214. Same. Davis Hills, June 20, 1892.
- no. 14, 215. " " " 17 Aug., 1892.

- No. 14, 216. *Carum kelloggii* Gray.
Oakland Hills, Oct. 1, 1894.
- No. 14, 217. Same. Howell Mt., May 8, '93.
- No. 14, 218. " " " Sept. 24, '93.
- No. 14, 219. *Carum gairdneri* Gray.
Cypress Pt., Monterey, Aug. 10, 1896.
- No. 14, 220. Same. Sisson. July, 1894.
- No. 14, 221. Same. Oakland Hills, on summit
n. of Redwood Peak. Oct. 1, 1894.
- No. 14, 222. *Carum howellii* C. & R. Bear Val-
ley, Nevada Co., 4500 ft., July, 1898.
- No. 14, 223. *Pastinaca sativa* L.
Scott Valley, Lake Co., Aug. 1, 1892.
- No. 14, 224. *Oenanthe californica* Wats. *
Carmel River near Carmel, Aug. 10, 1896.
- No. 14, 225. *Oenanthe* * San Jose, 9 June, 1896.
- No. 14, 226. Same. Jarvis Idg., Alameda Co.,
June 19, 1897.
- No. 14, 227. Same. Suisun Marshes, Aug.
- No. 14, 228. Same. Hills e. of St. Helena,
Apr. 24, 1893 (Howell Mt. foothills).
- No. 14, 229. *Cicuta californica* Gray. Car-
mel River near Carmel, 10 Aug., 1896.
- No. 14, 230. *Cicuta Douglasii* C. & R.
Sisson, July, 1894.
- No. 14, 231. Same. n. of Sisson. July, 1894.
- No. 14, 232. *Cicuta bolanderi* Wats. Sui-
sun Marshes, Aug. 16, 1892.
- No. 14, 233. Same. Benicia, Aug. 28, '91.
- * *O. sarmentosa* Presl var. *californica* C. & R.
- ** *O. sarmentosa* Presl.

- No. 14, 234. *Foeniculum vulgare* Gaertn.
St. Helena. Oct. 15, 1894.
- No. 14, 235. Same. St. Helena. Nov. 1895.
- No. 14, 236. *Heracleum lanatum* Michx.
Strawberry Cañon, Aug., 1894.
- No. 14, 237. *Hydrocotyle ranunculoides* L. f.
San Jose, June 8, 1896.
- No. 14, 238. *Hydrocotyle verticillata* Thunb.
var. *cuneata* Jepson. Suisun Marshes,
Aug. 16, 1892.
- No. 14, 239. *Sium heterophyllum* Greene.
Suisun Marshes, 16 Aug., 1892.
- No. 14, 240. *Sium* * " " Sept. 17, 1891.
- No. 14, 241. Same. Sisson. July, 1894.
- No. 14, 242. *Scandix pecten-veneris* L.
Oak Knoll, Napa Valley, in 1893.
- No. 14, 243. *Ligusticum grayi* C. & R.
Summit sta., Nevada Co., July, 1898.
- No. 14, 244. Same. South Yollo Valley, July
24-25, 1897.
- No. 14, 245. *Leptotaenia californica* Nutt.
Collins Camp, Yaca Mts., 20 June, 1892.
↑ Slopes below *californica* Jepson.
- No. 14, 246. *Angelica* Yaca Mts., Gates Cañon, 1893, June 20.
(as 14, 245.)
- No. 14, 247. Same. Sw. of Calistoga, on
Rebecca ranch grade, Apr. 30, 1894.
- No. 14, 248. Same. Yaca Mts., 1892, Mar. 25.
Gates Cañon.
- No. 14, 249. Same. " " " " June 20, '92.
- * *S. cicutae folium* Griseb.

- no. 14, 250. *Angelica californica* Jepson. Gate
 Cañon, Vaca Mts., June 15, 1893.
 no. 14, 251. *Osmorhiza brachypoda* Torr.
 Hazel Green, Mariposa Co., July 5, 1896
 no. 14, 252. *Osmorhiza nuda* var. *brin-*
ipes Jepson. Bear Valley, Nevada Co., July,
 No. 14, 253. *Osmorhiza nuda* var. (1898)
brivipes Jepson. Sisson. July, 1894.
 no. 14, 254. *Osmorhiza nuda* Torr. Mt.
 Diablo, May 23-24, 1891.
 no. 14, 255. Same. Santa Cruz Mts., June,
 1896. Goquel Creek,
 no. 14, 256. Same. St. Helena (Lillo w.), 25th Aug.
 1893.
 no. 14, 257. Same. Mt. Tamalpais. 11 June,
 No. 14, 258. *Osmorhiza occidentalis* Torr. 1893.
 July, 1898. Summit sta., Nevada Co.
 No. 14, 259. *Eulophus bolanderi* C. & K.
 South Yolla Bolly, 15 July, 1897.
 no. 14, 260. *Eulophus*
 Bear Valley, Nevada Co., July, 1898.
 no. 14, 261. ^{not} *Cymopterus terebinthinus* T. & G.
 (= *Lomatium foreyi* C. & R.)
 Betw. Merced Grove and Yosemite, July 6, '96.
 no. 14, 262. *Umbellifer*.
 Sisson, July, 1894.
 no. 14, 263. *Angelica tomentosa* Wats.
 Howell Mt. Beyond Angwin's Resort,
 Feb. 25, 1896.

- No. 14, 264. *Eryngium amatum* C. & R.
 Pacific Grove. Aug. 8-10, 1896.
 No. 14, 265. *Eryngium*
 Suisun Marshes, 1890.
 No. 14, 266. *Eryngium Hartwegii* Cunn.
 Suisun Marshes, Sept., 1890.
 No. 14, 267. *Eryngium vaseyi* C. & R. ^{Det.}
 Middle Isl. River and Healy ranch, Round
 Valley, W. Mendocino Co., July 27, 1897.
 No. 14, 268. Same. Yountville, Napa Valley,
 Sept. 25, 1893. = *var. alanceolatum* J.
 No. 14, 269. Same. Suscol Hills, at
 Lone Tree Farm*, within 2 mi. (about)
 n. of Suscol House, Napa Co., Sept. 25, 1893.
 No. 14, 270. Same. St. Helena. June 2, 1896.
 No. 14, 271. Same, Madrone, Santa Clara Co.,
var. alanceolatum J. June, 1896.
 No. 14, 272. Same. Big Valley, Lake Co., 15th July,
 1897.
 No. 14, 273. Same. Burnett Sta., Stanislaus
 Co., 27 June, 1896.
 No. 14, 274. *Eryngium*
 Wells Hill, head of Yaca Valley, Solano Co.,
 July 11, 1897.
 No. 14, 275. *Eryngium japonii* C. & R.
 Orinda, Contra Costa Co., Sept. 7, 1895.
 See further data next page.

* See p. 119.

- No. 14, 276. *Eryngium vaseyi* C. & R.
Rutherford, Napa Valley, 26 Apr., 1893.
- No. 14, 277. *Eryngium jepsonii* C. & R.
var. *parishii* Jepson acc. L. M. Newton.
Upper Napa Valley, above Calistoga, near
Tubbs ranch, 19 July, 1894.
- [No. 14, 275. *Eryngium jepsonii* C. & R.
Foot of sharp cañon east of Bald Peak, Red-
eley Hills, Sept. 7, 1895. This is near the
station for 14, 275, that is in same cañon,
the cañon of San Pablo Creek. 400 ft.]
- No. 14, 278. *Eryngium castrense* var.
ralliesla Jepson. Ercalou, e. San Jo-
aquin Co., 27 June, 1896.
- No. 14, 279. *Eryngium californicum*
Jepson. Yontville, Sept. 25, 1893.
Type.
- No. 14, 280. *Eryngium californicum* Jepson. Type.
Yontville, Napa Valley, Apr. 27, 1893.
- No. 14, 281. *Eryngium aristulatum* Jepson.
Uncle Sam Mt. (2 mi. Konocti), July 28, 1892.
Lake Co.
- No. 14, 282. *Eryngium jepsonii* C. & R.
Orinda, foot of sharp cañon east of
Gold Peak, Berkeley Hills, Sept. 7, 1894.
- No. 14, 283. *Lomatium cornifolium* (T. & G.)
C. & R. Little Oak, Vacaville, May 2-6, 1891.
- No. 14, 284. Same. Red Bluff. 30 Apr., '99.
No! = *L. marginatum* C. & R.

- No. 14, 285. *Lomatium cornifolium* T. & G.
Little Oak, Vacaville, May 15, 1896.
- No. 14, 286. Same * Stivers ranch, Creek,
w. Tehama Co., 25 Apr., 1899.
- No. 14, 287. Same. Little Oak, Vacaville, Mar.,
1892.
- No. 14, 288. *Lomatium utriculatum* (Nutt.)
C. & R. Claremont, Berkeley Hills, in 1896.
- No. 14, 289. Same. Stivers ranch, Crane Creek,
w. Tehama Co., 25 Apr., 1899.
- No. 14, 290. Same. Coyote Sta., Santa Clara
Valley, 10 June, 1896.
- No. 14, 291. Same. Collins Camp, Vaca Mts.,
w. Solano Co., 25 Mar., 1892.
- No. 14, 292. *Lomatium fomentorum* (Olf.)
Oille Creek, w. Tehama Co., 29 Apr., '99.
- No. 14, 293. Same. Stivers ranch, Crane
Creek, w. Tehama Co., 25 Apr., 1899.
- No. 14, 294. *Lomatium macrocarpum* (Nutt.)
C. & R. Stivers ranch, w. Tehama Co., on Crane
Creek, 25 Apr., 1899.
- No. 14, 295. *Lomatium macrocarpum* (Nutt.)
C. & R. 122 Bean ridge (Williams Forks to
Castle Peak), w. Mendocino Co., July 23, '97.
- No. 14, 296. Same. South Yolla Bolly, S.E.
Trinity Co., 25 July, 1897.
- No. 14, 297. Same. Hills, rocky, near Coyote
Sta., Coyote Creek, Santa Clara Valley,
7 June, 1896.

* No! = *L. marginatum* C. & R.

- no. 14, 298. *Lomatium dasycarpum* (P. & G.). Mt. Tamalpais, 5 Apr., 1892.
- no. 14, 299. *Lomatium dasycarpum* (P. & G.) C. & R. Mt. Diablo, May 23-24, 1891.
- no. 14, 300. Same. Santa Cruz Mts. Inter. Gilroy and Corallitas, 16 June, 1896.
- no. 14, 301. Same. Collins Camp, Vaca Mts., 25 March, 1892.
- no. 14, 302. Same. Collins Camp, Vaca Mts., 20 June, 1892. = var. *medium* J.
- no. 14, 303. Same. Carr Valley (rocky ridge at mouth), Napa Range, June 2, 1896.
- no. 14, 304. Same. Napa (Coles E.), Apr. 28, 1893.
- no. 14, 305. Same. San Francisco. 3-1-'11.
- no. 14, 306. Same. Ross Valley, Marin Co., June 11, 1892. = var. *medium* J.
- no. 14, 307. Same. Ross Valley, 23 Mar., 1896.
- no. 14, 308. *Lomatium hasei* var. *repertum* Jepson. Vaca Mts. near Signal Sta., Mar. 25, 1892.
- no. 14, 309. Same. Collins Camp, Vaca Mts., June 20, 1892.
- no. 14, 310. *Lomatium parifolium* (T. & G.). Mt. ridge w. of J. Gilroy (Santa Cruz Mts.), 16 June, 1896.
- no. 14, 311. *Lomatium vaseyi* C. & R. East of Calistoga on Pope Valley grade, 2 May, 1893.
- no. 14, 312. Same. Coulterville, Mariposa Co., 3 July, 1896.
- no. 14, 313. Same. Gown Cove, Mariposa Co., 3 July, 1896.

- no. 14, 314. *Lomatium nudicaule* C. & R. Mt. Diablo, May 22-23, 1891.
- no. 14, 315. Same. Carrum Sta., Solano Co., June 18, 1892.
- no. 14, 316. Same. Near Napa, on road to Napa Soda Spro., near the Miller place, June 24, 1893.
- no. 14, 317. Same. Carrum Sta., Solano Co., May 14, 1892.
- no. 14, 318. *Lomatium* Putah Creek near Winters, in 1890.
- no. 14, 319. *Lomatium ciliolatum* Jepson. Soldiers Ridge, near summit of South Yolla Bolly, 24 July, 1897.
- no. 14, 320. *Lomatium marginatum* C. & R. Carr Valley, red ridge at mouth, Napa Range, May 1, 1894. = var. *purpureum* J.
- no. 14, 321. *Cornus glabrata* Bth. Lower Sacramento River, Oct. 5, 1893. Andrus Isl.
- no. 14, 322. Same. Middle Creek, foot of Elk Mt., n. Lake Co., Aug. 2, 1892.
- no. 14, 323. *Eryngium vaseyi* C. & R. Elmirra, Solano Co., 13 June, 1893.
- no. 14, 324. *Urtica Kelloggii* (Gray) Mt. Tamalpais, June 11, 1892. C. & R.
- no. 14, 325. Same. Mt. Tamalpais. Apr. 8, 1894.
- no. 14, 326. *Urtica Hartwegii* C. & R. Strawberry Cañon, Berkeley, 7 March, 1896. Cattle eat it.
- no. 14, 327. Same. Same loc. 1896.

- no. 14, 328. *Velosia hartwegi* C. & R. Hazel
Green on the Coulterville grade to Yosemite,
5 July, 1896.
- no. 14, 329. Same. Berkeley, Mar. 13, 1894.
- no. 14, 330. Same. Niles. 20 June, 1897
- no. 14, 331. *Lomatium nudicaule* C. & R.
Coun Valley, Napa Range, May 1, 1894.
- no. 14, 332. *Elysanthea purpurea* ^{curtisi} ~~var.~~ ^{allegans} P. & M.
Sweet Peak, Marysville Butte, 20 Apr. 1891.
- no. 14, 333. Same, small form. Same loc.
- no. 14, 334. *Clarkia purpurea* ^{ssp. virginica} ~~ssp. virginica~~ Walp. Little Oak
near Vacaville, 1890.
- no. 14, 335. *Clarkia* ~~biloba~~ ^{biloba} Wats. Greeley Hill,
grade from Coulterville to Sawm Cave,
3 July, 1896.
- no. 14, 336. *Clarkia dudleyana* Abrams. July,
1896. Yosemite.
- no. 14, 337. Same. Greeley Hill, above Coulter-
ville. July 3, 1896.
- no. 14, 338. *Clarkia purpurea* ^{ssp.} ~~ssp.~~ ^{ssp.} *quadrivulnera* Spach.
16 June, 1896. Niles w. of Gilroy.
- no. 14, 339. Same. Grade to Napa Soda
Sprs., Napa Range, 24 June, 1893.
- no. 14, 340. Same. Eva sta., Santa Cruz
Mts., 23 June, 1896.
- no. 14, 341. Same. Napa Soda Sprs., 24
June, 1893.
- no. 14, 342. Same. Main Prairie, Solano
Co., Apr. 12, 1885.
- no. 14, 343. Same. Tomki Creek, Mendoc-
cino Co., July 18, 1897.

- no. 14, 344. *Godetia quadrivulnera* ^{Spach.} ~~Spach.~~
St. Helena, May 1, 1894.
- no. 14, 345. Same. Willows, Glenn Co. May 1,
1899.
- no. 14, 346. Same. Putah Creek bluffs near
Winters. In 1890.
- no. 14, 347. *Godetia*
Vaca Valley, May 23, 1897.
- no. 14, 348. *Clarkia purpurea* ^{ssp. quadrivulnera} ~~ssp. quadrivulnera~~
^{ssp. quadrivulnera} ~~ssp. quadrivulnera~~ Lilja.
11 June, 1892. Mt. Tamalpais.
- no. 14, 349. *Clarkia amoena*
Napa Valley, Aug. 1892.
- no. 14, 350. *Godetia Clarkia amoena*
Lerke Co., 1892.
- no. 14, 351. *Godetia amoena* Don. var. con-
color Jepson. Fl. M. Cal., p. 334.
May 17, 1892. Walker Cañon, Vaca Mts.
- no. 14, 352. *Clarkia amoena* Lilja. Morris
on Cañon, Niles, 20 June, 1897.
- no. 14, 353. *Clarkia amoena* Lilja. Howell
Mt., Napa Co. 1893.
- no. 14, 354. *Clarkia amoena* Lilja.
Wright, Santa Cruz Mts., 13 June, 1897.
- no. 14, 355. *Clarkia amoena* Lilja. Tulare
Hill, Coyote Creek, 9 June, 1896.
Santa Clara Co.
- no. 14, 356. *Clarkia amoena* Don. Mt.
Tamalpais, 19 June, 1891.
- no. 14, 357. Same. Eva sta., Santa Cruz
Mts., 23 June, 1896.

No. 14, 358. *Godetia amoena* Don. Mts. w.
of Gilroy, June 16, 1896.

No. 14, 359. Same. Pass between Mission
San Jose and Vallecitos, 25 June, 1896.

No. 14, 360. ~~Clarkia~~ *Clarkia amoena*
Barto Canon, Brito.
Pope Valley and Middleton, 12 July,
1897.

No. 14, 361. Same. North Berkeley. June
16, 1886.

No. 14, 362. *Prunus subcordata* Bth.
St. Helena, e. of, on hill near stone bridge
Apr. 24, 1893.

No. 14, 363. Same. Berkeley (Strawberry
Canyon), 18 Mar. 1891.

No. 14, 364. ~~Clarkia~~ *Clarkia sinuata*
Big Meadows, Coulterville trail to Yosemite.
July, 1896.

No. 14, 365. Same. Yosemite Valley, July, '96.

No. 14, 366. Same. Lagrange, Stanislaus
Co., 2 July, 1896.

No. 14, 367. ~~Clarkia purpurea~~ *Clarkia quadrivulnera*
Same. Wrights, Santa Cruz
Mts., 13 June, 1897.

No. 14, 368. *Clarkia purpurea* J. Don.
Oakdale, 28 June, 1896.

No. 14, 369. Same. Brown Valley, nr. Sol
ano Co., May 2-6, 1891.

No. 14, 370. Same. Willows, Glenn Co., 1 May,
1899.

No. 14, 371. *Clarkia amoena* Don. Sisson.
July, 1894.

No. 14, 372. *Godetia quadrivulnera* Spach
var. *Vaccaria* Jepsom. Above Collins
Camp, Yuba Mts., 12 June, 1893.

No. 14, 373. *Godetia amoena* J. Don. f.
Pygmaea Jepsom. Corn Valley, Napa
Range, May 1, 1894.

No. 14, 374. *Godetia purpurea* J. Don var.
lacunarium Jepsom. Cult., seed from
Oakdale, Stanislaus Co., coll. July 1, 1896.

No. 14, 375. *Jussieuia repens* L. var. *pegloides*
californica Jepsom.

Clear Lake, Lake Co., July 31, 1892.

No. 14, 376. Same. Cache Slough, 20 June, 1893.
Jussieuia repens L.

No. 14, 377. Same. Warm Spgs., Alameda Co.,
25 June, 1896.

No. 14, 378. Same. Alvarado, Sept. 9, 1897.

No. 14, 379. *Ludwigia palustris* Ell. Lakeport
Lake Co., July 31, 1892.

No. 14, 380. *Linum spargulinum* Gray. House Mt.,
June 26, 1893.

No. 14, 381. *Ceanothus prostratus* Bth. Upton
near Sisson, Siskiyou Co. July, 1897.

No. 14, 382. *Cornus glabrata* Bth. Walnut
grove, Lower Sacramento River, Oct. 6,
1893. Grand Isl.

No. 14, 383. *Lotus crassifolius* Greene.
See 3:160, ante.

No. 14, 384. *Lomatium macrocarpum* C. & R.
Havell Mt., Napa Range, foothills, e. of St.
Helena, to Corn Valley grade. Apr. 24, 1893.

- no. 14, 385. *Beanothus parryi* Tral. Plateau between Mt. George and Meliken Creek, Napa Range, Apr. 28, 1893.
- no. 14, 386. ~~*Beanothus*~~ *foeacea* (Hand.) ^{greene}
Berkeley Hills. Apr. 11, 1896.
- no. 14, 387. *Circaea* ^{*alpina* L. var.} *pauifera* (Asch. & Mag.) ^{Jones}
SiSSon. July, 1894.
- no. 14, 388. Same. Swindon ranch, Colavero Co., near Colaveros Big Trees, Aug. 7, 1890.
- no. 14, 389. Same. Bear Valley, Nevada Co., July '98.
- no. 14, 390. *Boisduvalia densiflora* Wats.
Howell Mt., Napa Co., June 26, 1893.
Type of var. *montana* Jepson. Fl. W. Mid. Cal. 33.
= var. *imbricata* Greene. (Lindl.) S.
- no. 14, 391. *Boisduvalia densiflora* Wats. SiSSon.
Boisduvalia densiflora (Lindl.) S. Wats. Aug. 1894.
- no. 14, 392. Same. Mt. Harina, Lake Co. 15 July,
Boisduvalia densiflora (Lindl.) S. Wats. 1897.
- no. 14, 393. Same. Scott Valley, Lake Co., 15 July,
Boisduvalia densiflora (Lindl.) S. Wats. 1897.
- no. 14, 394. Same, var. *imbricata* Greene. Ross Valley, Marin Co., 9 Sept., 1892. (Lindl.) S.
- no. 14, 395. *Boisduvalia densiflora* Wats.
Brook Lane, Vanden sta., in 1890. Solano Co.
Boisduvalia densiflora (Lindl.) S. Wats.
- no. 14, 396. Same. Bear Valley, Nevada Co., July '98.
Boisduvalia densiflora (Lindl.) S. Wats.
- no. 14, 397. Same. Greely Hill above Coulterville, Mariposa Co., 3 July, 1896.
Boisduvalia densiflora (Lindl.) S. Wats.
- no. 14, 398. Same. Coulterville. July 3, 1896.

- no. 14, 399. *Boisduvalia densiflora* Wats. Bear ridge, Castle Peak to Williams Forks, nr. Mendocino Co., 26 July, 1897.
Boisduvalia densiflora (Lindl.) S. Wats.
- no. 14, 400. Same. Big Valley, e. Nevada Co., Aug. 26, 1896.
- Boisduvalia densiflora* (Lindl.) S. Wats.
- no. 14, 401. Same. var. *imbricata* Greene.
Grizzly Peak, Berkeley Hills, 7 Sept., 1894.
- Boisduvalia densiflora* (Lindl.) S. Wats.
- no. 14, 402. Same. Lagoon Valley, Sept. 28, 1893.
Boisduvalia densiflora (Lindl.) S. Wats.
- no. 14, 403. Same. Mill Square Lane, Vanden sta. Solano Co., 29 Sept., 1893.
Boisduvalia densiflora (Lindl.) S. Wats.
- no. 14, 404. Same. Mt. Harina, Lake Co., July 30, 1893.
Boisduvalia densiflora (Lindl.) S. Wats.
- no. 14, 405. Same. Alamo Creek near Vacaville, Sept. 1891.
- no. 14, 406. Same. Grunville, Napa Co., 22 Sept., 1893. (Lindl.) S.
- no. 14, 407. *Boisduvalia densiflora* Wats.
Knots Landing, Lower Sacramento River, Andrus Isl. Oct. 5, 1893.
- Boisduvalia densiflora* (Lindl.) S. Wats.
- no. 14, 408. Same, same place & date. The branches of the specimen are taken from the upper part of the main axis which is 5 ft. tall. = var. *imbricata* Greene. (A. Gray)
- no. 14, 409. *Boisduvalia stricta* Greene. Angwin Meadows, Howell Mt., Napa Range, 26 June, 1893.
Boisduvalia stricta (A. Gray) Greene
- no. 14, 410. Same. Blue Lakes grade to Ukiah, Mayacamas Range, 16 July, 1897.
- no. 14, 411. Same. Mt. Harina, Lake Co., 14 July, '97.

No. 14, 412. *Boisduralia densiflora* (Lindl.) S. Wats.
Mt. Konost, Lake Co. (A. Gray)

No. 14, 413. *Boisduralia stricta* Green.
Little Oak, Vacaville, May-June, 1894.

No. 14, 414. *Boisduralia glabella* (Nutt.) Walp.
Mt. Hanna to Clear Lake, 15 July, '97.
= var. *confertifolia* Jepson?

No. 14, 415. *Boisduralia glabella* (Nutt.) Walp.
Boisduralia glabella Walp. (Betw. Oakdale
and La Grange, July 1, 1896.

No. 14, 416. Same. Little Oak, Vacaville, June 13.
Boisduralia glabella (Nutt.) Walp. 1893.

No. 14, 417. Same. Same loc. Sept., 1893.

No. 14, 418. *Boisduralia cleistogama* ^{Curran.}
Betw. Oakdale and La Grange, July 1, 1896.

No. 14, 419. *Clarkia ~~unguiculata~~*
Gates Cañon, Vaca Mts., June, 1892.
20

No. 14, 420. *Clarkia rhomboides* Dougl.
Siason, July, 1894.

No. 14, 421. Same. Swardon ranch, Cal-
averas Big Trees, 2 Aug. 1890.

No. 14, 422. Same. Toll House, about 3 mi.
beyond Hazel Green, Yosemite trail.

(Down Camp on road to
July 4, 1896. G. F. B. 1:85.

No. 14, 423. *Clarkia concinna* Green.
Salmon Creek, Gravelly Valley, n.
Lake Co., Jepson + Platt, 4 Aug. 1892.

No. 14, 424. *Clarkia concinna* Green.
Gates Cañon, Vaca Mts., June 20, 1892.

No. 14, 425. Same. same loc. July 7, 1891.

No. 14, 426. Same. Cross ridge, north
of Corn Valley, near Napa Valley, 2
June, 1896.

No. 14, 427. *Zauschneria californica* Presl
Weldon Cañon, Nov. 15, 1884. Vaca Mts.

No. 14, 428. Same. Vacaville. 1887.

No. 14, 429. Same. var. *villosa*. Rebecca ranch,
Oct. 14, 1894. Sw. of Calistoga.

No. 14, 430. Same. Filenas Sprs., w. Sol-
ano Co., 29 Aug., 1891.

No. 14, 431. *Zauschneria californica* ^(Hook.) ~~latifolia~~
Castle Peak, nr. Mendocino Co., 26 July,
1897.

No. 14, 432. *Gayophytum diffusum* T. & G.
Swardon ranch, Calaveras Big Trees.

No. 14, 433. *Gayophytum humile* Juss.
Soldiers Ridge, near South Yolla Bolly,
July 25, 1897.

No. 14, 434. *Gayophytum humile* Juss. South
Yolla Bolly, July 25, 1897.

No. 14, 435. *Gayophytum ramosissimum* T.

Siason, Siskiyou Co., July-Aug., '94.

No. 14, 436. Same. Horse Camp, Mt. Shasta,
Aug. 4, 1894.

- no. 14,437. *Gayophytum ramosissimum* T. & G. Mt. Shasta, half-way up to Horse Camp, Aug. 4, 1894.
- no. 14,438. Same. Soldier Ridge, 22. Trinity Co., July 24, 1897.
- no. 14,439. Same. South Yollo Bolly, July 24, 1897.
- no. 14,440. Same. Summit sta., Nevada Co., July, 1898.
- no. 14,441. *Gayophytum ramosissimum* T. & G. Dog Valley, 2. Nevada Co., 26 Aug. 1896.
- no. 14,442. Same. Bear Valley, Nevada Co., 20 July, 1898.
- no. 14,443. *Epilobium angustifolium* L. Ft. Bragg. July 31, 1897.
- no. 14,444. *Epilobium adenocaulon* Hausskn. Aug. 16, 1892. Snism Marshes.
- no. 14,445. *Epilobium californicum* Hausskn. Bear Valley, Nevada Co., July, 1898.
- no. 14,446. *Epilobium californicum* Hausskn. Carmel River near Carmel, Aug. 10, 1896.
- no. 14,447. *Epilobium adenocaulon* var. *occidentale* Griseb. Bear Valley, Nevada Co., July 20, 1898.
- no. 14,448. *Epilobium californicum* Hausskn. Grand Isl., Lower Sacramento River, Sept. 17, 1891.
- no. 14,449. Same *Epilobium adenocaulon* Hausskn. Snism Marshes, Oct. 6, 1890. Solano Co.

- no. 14,450. *Epilobium californicum* Hausskn. var. *occidentale* Griseb. July-Aug., 1894. Siskiyou Co.
- no. 14,451. *Epilobium californicum* Hausskn. Knoxville grade to Lower Lake, July 29, 1892.
- no. 14,452. *Epilobium californicum* Hausskn. Big Horse Mt., Aug. 3, 1892. n. Lake Co.
- no. 14,453. *Epilobium adenocaulon* Hausskn. Blue Lake, Lake Co., Aug. 5, 1892.
- no. 14,454. *Epilobium adenocaulon* Hausskn. Collins Camp, Yaca Mts., June 10, 1892. Aug. 17.
- no. 14,455. *Epilobium adenocaulon* Hausskn. Snism Marshes, Aug. 16, 1892.
- no. 14,456. *Epilobium adenocaulon* Hausskn. Newtown Edg., near Rio Vista, 17 Sept., 1891.
- no. 14,457. *Epilobium californicum* Hausskn. Blue Lake, Aug. 5, 1892. var. *holosericeum* (Griseb.) Munz.
- no. 14,458. *Epilobium adenocaulon* Hausskn. var. *holosericeum* (Griseb.) Munz. Alamo Creek, near Vacaville, June 9 1884.
- no. 14,459. *Epilobium californicum* Hausskn. Weldon Cañon, Yaca Mts., June 1, 1891.
- no. 14,460. *Epilobium californicum* Hausskn. var. *holosericeum* (Griseb.) Munz. Alamo Creek, below Shavers, Vacaville, Sept. 2, 1891.
- no. 14,461. *Epilobium adenocaulon* Hausskn. Reno; Nev.; Aug. 25, 1896. Washoe Co.

- no. 14, 462. *Epilobium adenocaulon* Hausskn.
SiSSon, Siakiyon Co., July - Aug., '94.
- no. 14, 463. *Epilobium* ^{*adenocaulon*} ~~*californicum*~~ Hausskn.
Mt. Tamalpais, June 19, 1891.
- no. 14, 464. *Epilobium adenocaulon* Hausskn.
var. *occidentale* ^{*Small*} ~~*Small*~~, Sept. 22, 1893.
- no. 14, 465. *Epilobium* ^{*adenocaulon*} ~~*californicum*~~ Hausskn.
Angwin's, Howell Mt., Napa Co., Sept. 24,
1893.
- no. 14, 466. *Epilobium adenocaulon* Hausskn.
var. *occidentale* ^{*Small*} ~~*Small*~~,
Scott Valley, Lake Co., Aug. 1, 1892.
- no. 14, 467. *Epilobium glaberrimum*
Barbey. Mt. Shasta, Aug. 4, 1894.
- no. 14, 468. *Epilobium minutum* Lindl.
var. *fiolletii* Greene. Mt. Tamalpais,
June 11, 1892.
- no. 14, 469. *Epilobium nivium* Bdg. Cast.
Peak, ws. Mendocino Co., 24 July, 1897.
- no. 14, 470. *Epilobium oregonense* Hausskn.
Mt. Shasta, Aug. 4, 1893. 1894
- no. 14, 471. *Epilobium oregonense* Hausskn.
South Yolla Bolly, July 24, 1897.
- no. 14, 472. *Epilobium paniculatum* Nutt.
Little Oak, Vacaville, Aug., 1898.

- no. 14, 473. *Epilobium* ~~*montanum*~~
~~*montanum*~~ *franciscanum* Barbey
Mountain Lake, San Francisco, Oct. 1894.
- no. 14, 474. *Epilobium franciscanum* Barbey
Same. Pt. Lobos, S.F., Aug.
20, 1891.
- no. 14, 475. *Epilobium franciscanum* Barbey
Same. Prendio Lake, San
Francisco, May 20, 1891.
- no. 14, 476. *Oenothera contorta* Dougl.
Glen Echo, Santa Cruz Co., 17 June, 1896.
- no. 14, 477. Same. South Peak, Marysville
Butte, Apr. 20, 1891.
- no. 14, 478. Same. Howell Mt., Napa Co.,
June 26, 1893.
- no. 14, 479. *Oenothera trichocalyx* Nutt.
var. *cognata* Jepson. betw. Mossdale and Atlanta,
San Joaquin Co., June 27, 1896.
- no. 14, 480. *Oenothera ovata* Nutt. Berk-
eley. March 20, 1896.
- no. 14, 481. *Oenothera hirtella* Greene.
Gravelly Hill, Colterville, Mariposa Co.,
3 July, 1896. = *O. miranthera* Hornem. var.
jonesii Jepson.
- no. 14, 482. Same. Vacaville. 17 Aug., 1892.

No. 14,483. *Oenothera luteella* Greene.
Blue Lakes, Lake Co., 16 July, 1897. = *O.*
micrantha Hornem. var. *gomeri* Jepson.

No. 14,484. Same. Mt. Konocti, Lake
Co., 30 July, 1892.

No. 14,485. *Oenothera micrantha*
Hornem. Carmel River, near Carmel.
Aug. 10, 1891.

No. 14,486. *Oenothera micrantha* Hornem.
Carmel Mission. Aug. 10, 1896.

No. 14,487. *Oenothera micrantha* Horn-
em. Pacific Grove, Aug. 1896.

No. 14,488. *Oenothera dentata* Cav.
var. *compacta* Jepson. Lower San
Joaquin plain betw. Mossdale Schol
and Atlanta, San Joaquin Co., 27
June, 1896.

No. 14,489. *Oenothera graciliflora* H. &
A. Cottonwood Creek, Yollo Bolly
foothills, Apr. 27, 1899 (w. Tehama Co.).

No. 14,490. Same. South Peak, Maryo-
ville Buttes, Apr. 20, 1891.

No. 14,491. Same. Stivers ranch, Rosewood, w.
Tehama Co., 25 Apr., 1899.

No. 14,492. *Oenothera hookeri* T. & G.
White Sulphur Creek, Napa
Valley, Nov. 26, 1895.

No. 14,493. Same. Yosemite. July 2-12, '96.

No. 14,494. Same. Andrews Isl., lower Sacra-
mento River, Oct. 5, 1893. = *Oeno-*
thera jepsonii Greene. (Sacramento Co.)

No. 14,495. *Oenothera hookeri* T. & G.
Calistoga, Sept. 23, 1893

No. 14,496. Same. Alvarado. Sept. 9, 1897.

No. 14,497. Same. Calistoga. July 19, 1894.

No. 14,498. *Oenothera graciliflora* H. & A.
Reservoir, Tehama Co., Apr. 25, 1899.

* No. 14,499. *Cressa* ~~*crenata*~~ ^{*truxillensis* HBK}
Brock Lane, Vacaville, Oct. 3, 1892.

* No. 14,500. *Convolvulus arvensis* L.
Berkeley. 28 June, 1897.

No. 14,501. Same. Suisun Marshes, 16 Aug. 1892.

* No. 14,502. Same. St. Helena, hills E.
Apr. 24, 1893.

No. 14,503. *Convolvulus chartaceus* Jepson.
Betw. Toll House and Hazel Green, Yosemite,
July 4, 1896.

No. 14,504. Same. Bear Valley, Nevada Co.,
July, 1898.

- ✓ No. 14, 505. *Convolvulus cyclostegia*
House. Monterey, Aug., 1896.
- ✓ No. 14, 506. *Convolvulus luteolus*
Gray. Walker Cañon, Vaca Mts.,
May 17, 1892. (= Dutton Cañon)
- ✓ No. 14, 507. Same. Blue Lakes, Lake Co.,
Aug. 1, 1892.
- ✓ No. 14, 508. Same. Berkeley, Sept. 5, '94.
- ✓ No. 14, 509. *Convolvulus luteolus*
Gray var. *solanensis* Jepson.
Gates Cañon, Vaca Mts., 12 June '93.
- ✓ No. 14, 510. *Convolvulus luteolus*
Gray. Mt. Tamalpais, Sept. 9, 1892.
- ✓ No. 14, 511. Same. " " June 11, 1892.
- ✓ No. 14, 512. Same. Berkeley, June 7, 1897.
- ✓ No. 14, 513. Same. Pleasant Valley,
Solano Co., 23 May, 1897.
- ✓ No. 14, 514. Same. Morrison Cañon,
Niles, 20 June, 1897.
- ✓ No. 14, 515. Same. Corn Valley mouth,
Napa Valley, May 1, 1894.
- ✓ No. 14, 516. Same. Coyote Creek, Santa
Clara Co., 9 June, 1896.
- ✓ No. 14, 517. Same. Cox's Cabin, w. of St.
Helena, Apr. 25, 1893.
- ✓ No. 14, 518. Same. New Pope Valley grade,
e. of St. Helena, 2 May, 1893.

- ✓ No. 14, 519. *Convolvulus luteolus* Gray.
Miller Cañon, Vaca Mts., 23 May, 1897.
- ✓ No. 14, 520. *Convolvulus polymorphus*
Greene. Kelseyville, Lake Co., 31 July, 1892.
- ✓ No. 14, 521. Same. Rosewood, Tehama Co.,
25 Apr. 1899.
- ✓ No. 14, 522. *Convolvulus sepium* L.
Suisun Marshes, 16 Aug., 1892.
- ✓ No. 14, 523. *Convolvulus subacaulis*
Greene. Coyote Creek, Santa Clara
Co., June 9, 1898.
- ✓ No. 14, 524. Same. Hills e. of St. Helena to
Corn Valley, Apr. 24, 1893.
- ✓ No. 14, 525. *Convolvulus villosus* Gray.
Sisson, Siskiyou Co., July, 1894.
- ✓ No. 14, 526. *Cuscuta suarolens* See.
Sudano Isl., lower Sacramento, Oct. 5, '93.
- ✓ No. 14, 526. *Oenothera strigulosa* f. m.
Alameda, May 10, 1891.
- ✓ No. 14, 527. *Lupinus sericatus* Kell.
Near Toll House, Mt. St. Helena. May 4,
1893.
- ✓ No. 14, 528. *Sisymbrium officinale* Scop.
Berkeley. March 17, 1897.
- ✓ No. 14, 529. *Asclepias cordifolia* Jepson.
Sisson. July, 1894.

- ✓ No. 14, 530. *Asclepias cordifolia* Jepson.
Betw. Middle El Ruro and Castle Peak,
July 25, 1897. M. Mendocino Co.
- ✓ No. 14, 531. Same. Mt. Konoti, Lake Co.
- ✓ No. 14, 532. Same. Dunn's Peak, Vacaville,
May 19, 1894.
- ✓ No. 14, 533. *Solanum purpurascens* Gray.
Foster's Sheep Camp, Soldier Ridge, Yollo
Bolly Mts., 25 July, 1897.
- ✓ No. 14, 534. *Asclepias viricarpa* Bth.
Putah Pass, Putah Canon, July 27, 1892.
= *A. fremontii* Torr.* acc. W.W. Eggleston.
- ✓ No. 14, 535. Same acc. Eggleston.
Big Valley, Lake Co., July 15, 1897.
- ✓ No. 14, 536. Same acc. Eggleston.
Pope Creek near Samuels Spr., Napa Co.,
July 12, 1897.
- No. 14, 537. = *A. fascicularis* Vene.
Asclepias mexicana Cav.
Vacaville, Sept. 1891.
- ✓ No. 14, 538. *Asclepias speciosa* Torr.
Reno, Nev., 25 Aug., 1896.
- ✓ No. 14, 539. Same. Sierran. July, 1894.
- ✓ No. 14, 540. Same.
Bear Valley, Nevada Co., July 22, 1898.
- ✓ No. 14, 541. *Asclepias vestita* H. & A.
Betw. Moradale and Atlanta, San Joa-
quin Co., June 27, 1896.

* See bottom p. 82.

- No. 14, 542. *Eriophyllum staechadi-
folium* Lag. Monterey, Aug. 8, 1896.
- No. 14, 543. *Eriophyllum confertiflorum*
Gray. Mt. Tamalpais, June 11, 1892.
- No. 14, 544. Same. Livermore Valley, May
16-17, 1891.
- No. 14, 545. Same. Berkeley. Oct. 14, 1898.
- ✓ No. 14, 546. Same. Betw. Hazel Green and
Big Mtns., Yosemite trail, July 6, '96.
- ✓ No. 14, 547. Same. Pacific Grove. Aug. 8,
'96.
- ✓ No. 14, 548. Same. Mt. Davidson, S. F.,
June 22, 1924.
- ✓ No. 14, 549. *Eriophyllum staechadi-
folium* Lag. Aug. 10, 1896. Carmel
Mission.
- No. 14, 550. *Eriophyllum sepsarii*
Greene. Hills betw. Arroyo Mocho
and Arroyo Valle, s. of Livermore,
May 17, 1891.
- No. 14, 551. *Eriophyllum idoneum* Jp.
son. Vaca Mts., ridges below Collins
Camp. June 20, 1892.

* Cont. from p. 82. Nos. 14, 534-14, 536
are *A. viricarpa* Bth! *A. fremontii* Torr.
is fictitious!!

no. 14, 552. *Eriophyllum lanatum*
Peaceful Glen Valley, May, 1891. Solano
Co.

no. 14, 553. *Eriophyllum lanatum*
Knoxville, nr. Napa Co., July 28, 1892

no. 14, 554. *Eriophyllum*
Knoxville grade to Lower Lake, July 29,
1892.

no. 14, 555. *Eriophyllum*
Pitah Bluffs, nr. Solano Co., May
2-6, 1891. Opp. Int. w. of Winters.

no. 14, 556. *Eriophyllum*
Vacaville, in 1891.

no. 14, 557. *Eriophyllum*
Vaca Mts., c. 1893.

no. 14, 558. *Eriophyllum*
Soldier Ridge, Smith Falls
Bolly, 25 July, 1897.

no. 14, 559. *Eriophyllum*
Swiss Valley, June 19, 1892.

no. 14, 560. *Eriophyllum*
Mt. Hanna, Lake Co., 15 July, 1897.

no. 14, 561. *Eriophyllum*
Kelseyville, Lake Co., July 31, 1892.

no. 14, 562. *Eriophyllum*
Havell Mt., June 28, 1893. - Napa Co.

no. 14, 563. *Eriophyllum*
Mt. Diablo, May
24, 1891.

no. 14, 564. *Eriophyllum*
Vaca Mts., in 1892.

no. 14, 565. *Eriophyllum*
St. Helena, Pillsb.
May 1, 1894.

no. 14, 566. *Eriophyllum*
Weldon Canyon,

Vaca Mts., June 1, 1891.

no. 14, 567. *Eriophyllum*
St. Helena, in 1893.

no. 14, 568. *Eriophyllum*
Hazel Green, Mariposa Co., 5 July, 1896.

no. 14, 569. *Eriophyllum*
Mt. Tamalpais. 11 June, 1892.

no. 14, 570. *Eriophyllum*
Upton, near Sisson, Siskiyou Co.
July, 1894.

No. 14, 571. *Eriophyllum*
Shasta Springs, Siskiyou Co.
Aug. 8, 1894.

No. 14, 572. *Eriophyllum*
Upton, Siskiyou Co., July, 1894.

No. 14, 573. *Eriophyllum*
Hazel Green to Bowers Cave, July 14, '96

No. 14, 574. *Eriophyllum*
Red Bluff, Apr. 30, 1899.

No. 14, 576. *Eriophyllum*
Toll House to Hazel Green, Mari-
posa Co., July 4, 1896.

No. 14, 577. *Eriophyllum*
Foster's Sheep Camp, Soldier Ridge,
St. Trinity Co., July 25, 1897.

No. 14, 578. *Acer macrophyllum*
Pursh. North Coast Ranges
about 1910, probably in Mendocino Co.

No. 14, 579. *Acer*
Berkeley, cult. street tree, 26 Nov.,
1903.

No. 14, 580. *Androsace*
Tennessee Pass, Colorado, Aug.
30, 1896.

No. 14, 581. *Samolus floribundus*
H.B.K. Riverside, June 1, 1901.
see vol. 6, p. 158a, ante.

No. 14, 582. *Trientalis europaea* L.
~~var~~ *latifolia* Hook. Berkeley,
May 18, 1891.

No. 14, 583. Same. Berkeley, Apr. 1891.

No. 14, 584. *Dodecatheon Hendersonii*
Gray. Mill Valley, Marin Co., 29 Mar.
1891.

No. 14, 585. Same. Vacaville, Mar. 30, 1884.

No. 14, 586. Same. Ridge above Collins
Spr., Vaca Mts. (summit), Mar. 25, 1892.

No. 14, 587. Same. St. Helena, hills e. Mar. 13,
1893.

No. 14, 588. Same. Camp Cabin, w. of St.
Helena, Apr. 25, 1893.

No. 14, 589. *Dodecatheon jeffreyi* Moore.
South Yolla Bolly, 24 July, 1897.

no. 14, 590. *Dodecatheon patulum* Greene.
Main Prairie, March 3, 1884.
(Solano Co.).

no. 14, 591. Same. Vanden, near Pellego
Hills, Solano Co., March 16, 1896.

no. 14, 592. *Primula suffrutescens*
Gray. Mt. Whitney, Aug. 8, 1900.
see vol. 5, p. 109.

no. 14, 593. *Limonium commune* S.F.
Gray var. *californicum* Greene.
West Berkeley, 25 Aug., 1894.

no. 14, 594. Same. Benicia. Aug. 28, 1891.

no. 14, 595. *Lilaea subulata* H.B.K.
Vacaville, c. 1891.

no. 14, 596. *Triglochin maritimum* L.
Suisun Marshes, Aug. 16, 1892.

no. 14, 597. Same. Jarvis Ldg., June 20,
1897.

no. 14, 598. *Lilaea subulata* H.B.K.
Yountville, Napa Valley, Apr. 26, '93.

no. 14, 599. *Fraxinus* ^{*velutina* Torr. var.} *coriacea* (Wats.)
Rehd.

Palm Cañon, San Jacinto Mts., May
(upper end) See 6:100, ante.
22, 1901.

no. 14, 600. *Fraxinus* ^{*latifolia* Benth.} ~~*virginiana* Nutt.~~
Tomki Creek, e. Mendocino Co.,
July 18, 1897.

no. 14, 600. *Fraxinus* ^{*latifolia* Benth.} ~~*virginiana* Nutt.~~
Ross Valley, Marin Co., 23 Mar., 1896.

no. 14, 601. Same. Mt. Tamalpais, Nov.
29, 1890.

no. 14, 602. Same. U.C. Bot. Gard., 9 Apr. '08.

no. 14, 603. Same. Gilroy. 10 June, 1896.

no. 14, 604. Same. St. Helena. Nov., 1907.

no. 14, 605. *Fraxinus dipetala* H.A.
Oakdale School, Pleasant Valley, nw.
Solano Co., May 23, 1891.

no. 14, 606. *Fraxinus* ^{*latifolia* Benth.} ~~*virginiana* Nutt.~~
Walnut Grove, Tyler Isl., Sacramento
Co., Oct. 4, 1893.

no. 14, 607. *Pleuricospora finibridata*
Gray. Hazel Green, Mariposa
Co., July 5, 1896.

no. 14, 608. *Corethrogyne leucophylla*
Henzies.
Sand dunes, Pt. Pinos, Monterey,
Aug. 8, 1896.

No. 14, 609. *Corethrogyne*
Pacific Grove, Monterey Co., Aug. 8, 1896.

No. 14, 610. *Corethrogyne filaginifolia*
(H.A.) Nutt. Pt. Pinos sand dunes at Monterey, Aug. 8, 1896.

No. 14, 611. *Corethrogyne californica* DC.
Pt. Pinos, Monterey, Aug. 8, 1896.

No. 14, 612. *Corethrogyne californica* DC.
Cornellitas, Santa Cruz Co.,

June 17, 1896.

No. 14, 613. *Corethrogyne californica*
DC. June 19-20, 1897, Niles.

No. 14, 614. *Corethrogyne viscidula* Greene var. *greenei* Jipson. Niles Cañon, Alameda Co., June 25, 1896.

No. 14, 615. *Corethrogyne obovata* Bth.
Ft. Bragg, Mendocino Co., 31 July, 1897.

No. 14, 616. *Corethrogyne*
Pt. Pinos, Monterey, Aug. 8, 1896.

No. 14, 617. *Apocynum cannabinum* L.
Scott Valley, Lake Co., 15 July, 1897.

No. 14, 618. Same. Big Meadows to Yosemite, Coulterville road, 6 July, 1896.

No. 14, 619. *Apocynum punilium* Greene.
Sisson, Siskiyou Co., July-Aug., 1894.

No. 14, 620. Same. Asa Bean Flat, Middle Eel River, ss. Trinity Co., 23 July, '97.

No. 14, 621. *Apocynum punilium* Greene
Bear Valley, Nevada Co., 20 July, 1898.

No. 14, 622. *Apocynum punilium* Greene
Valley floor east of St. Helena, June 26, 1894.

No. 14, 623. *Apocynum punilium* Greene.
Betw. Hazel Green and Big Meadows, Mariposa Co., 6 July, 1896.

No. 14, 624. *Apocynum punilium* Greene
Howell Mt., 26 June, 1893.

No. 14, 625. Same. Sisson. July-Aug., 1894.

No. 14, 626. *Apocynum androsaemifolium* L.
var. *punilium* ^{Greene} ~~Gray~~.
Palomar. May 29, 1901. cf. vol. 6, p. 139.

No. 14, 627. *Ceanothium* ^{*muhlenbergii*} ~~*exaltatum*~~
Wright. Soquel Cañon, Santa Cruz Mts., July 20, 1896. = var. *davyi* Jipson. = *C. muhlenbergii* Wright.

14631

JEPSON HERBARIUM

UNIVERSITY OF CALIFORNIA

This number appeared on a sheet
containing *E. tridantha*... from Knoxville
Grade according to its label. See the mounted
sheet in JEPSON HERB. → changed 14,641
L. R. HECKARD Nov. 1966 which was an unused no.

No. 14, 649. *Gentiana oregana* Engelm.
Westport, Mendocino Co., July 31,
1897.

No. 14, 650. *Whipplea modesta* Torr.
Miller Canon, Yaca Mts., Apr. 5, 1885

No. 14, 651. *Allotropa virgata* T. & G.
Mt. Shasta, Aug. 4, 1894.

No. 14, 652. Same. Soldier Ridge, se.
Trinity Co., July 24, 1897.

No. 14, 653. *Arbutus menziesii* Ph.
Coxs Cabin, w. of St. Helena, Apr. 25, '93.

No. 14, 654. *Chimaphila umbellata* Nutt.
Sisson. July 24 - Aug. 10, 1894.

No. 14, 655. *Chimaphila menziesii*
Spr. Mt. St. Helena, July 19, 1894.

No. 14, 656. *Gaultheria shallon* Ph.
Redwoods near Calito, Mendocino Co.,
July 31, 1897.

No. 14, 657. Same. Mt. Journalpais, 1923.

No. 14, 658. Same. Mill Valley, Mt. Tam-
alpais, July 19, 1891.

No. 14, 659. *Ledum glandulosum* Nutt.
Mendocino Pine Barrens, near St. Briggs,
July 31, 1897.

No. 14, 660. *Pyrola picta* Sm.

Cedar Spr., Mt. Shasta, Aug. 4, 1894.

No. 14, 661. Same. Castle Peak, 26 July,
1897.

(Btw. Carter Bohrabys Camp
and

Castle Peak = Mendocino Co. Carter's Camp is on the
crossing of Middle Eel River.

No. 14, 662. *Erica tetralix* L. Burnham
Beeches, England. Aug. 13, 1905. cf. 13:59.

No. 14, 663. ^{*Pyrola picta* Sm.} Same. Black Butte near
Sisson, July, 1894.

No. 14, 664. ^{*picta* forma} *Pyrola aphylla* Sm. Nutt.
St. Helena, July 19, 1894.

No. 14, 665. *Pyrola asarifolia* Muhl.
var. ^{*purpurea*} ~~*intertexta*~~ Fer. Mt. Shasta,
Aug. 4, 1894.

No. 14, 666. *Pleuricospora fimbriolata*
Gray. Hazel Green, Yosemite. 5 July,
1897.

No. 14, 667. *Pterospora andromeda*
Nutt.
Sisson, Siskiyou Co., July 1894.

No. 14, 668. Same. Big Horse Mt., n. Lake Co.,
Aug. 3, 1892.

- ✓ No. 14,669. *Rhododendron occidentale* Gray. Merced Big Trees,
July 6, 1896.
- ✓ No. 14,670. Same. Mill Valley, Marin
Co., July 19, 1891.
- ✓ No. 14,671. Same. Shasta Sprs., Si-
kiyou Co., Aug. 9, 1894.
- ✓ No. 14,672. Same. Butte Cañon, vs.
Napa Co., July 13, 1897.
- ✓ No. 14,673. *Rhododendron* ^{*R. macrophyllum* D. Don} *californicum*
Hook. Hills near Sutter, Mendocino
Coast, 30 July, 1897.
- ✓ No. 14,674. *Rhododendron* ^{*R. macrophyllum* D. Don} Same. Ft. Bragg to Sher-
wood, Mendocino Co. July 31, 1897.
- ✓ No. 14,675. *Polygonum* ^{*phytolaccaefolium*} ~~*repensum* All.~~
Bear Valley, Nevada Co., 20 July, 1898.
4500 ft.
- ✓ No. 14,676. *Chrysopsis breweri*
Donner Pass (Summit sta.), Nevada Co.,
July, 1898. 7000 ft.

- No. 14,677. *Chrysopsis*
Putah Creek near Winters, Sept. 17, 1887.
- No. 14,678. *Chrysopsis*
Hullville, South Fork Eel River, n. Lake Co.,
4 Aug., '92.
- No. 14,679. *Chrysopsis rudis* Greene.
White Sulphur Springs Creek, Napa Co., Nov. 27,
near St. Helena. 1895.
- No. 14,680. Same. Same loc. Oct. 22, 1892.
In both cases, near White Sulphur Sprs.
- No. 14,681. *Chrysopsis achinoides* Bth.
Weldon Cañon, Yaca Mts., Sept. 13, 1891.
- No. 14,682. Same. Vacaville. 1887.
- No. 14,683. Same. Oakland Hills, Oct. 1, 1896.
- No. 14,684.
Tennessee Pass, Colorado (Rocky
Mts., Aug. 30, 1896). Low composite.
- No. 14,685.
Same loc. and date. Low composite.
- No. 14,686. *Chrysopsis Bolanderi* Gray.
Ft. Bragg, July 31, 1897.

✓ No. 14, 687. *Vaccinium ovatum* Pursh. Olena,
Apr. 1-2, 1893. Marin Co.

✓ No. 14, 688. Same. Calto, Mendocino Co.,
July 30, 1897.

✓ No. 14, 689. *Vaccinium occidentale* Gray.
Sisson. July, 1894.

✓ No. 14, 690. ^{= *V. nivivium*} *Vaccinium coespitosum*
Michx. Hockett Mdw., Tulare Co.,
Aug. 15, 1911. See ante 24:41.

No. 14, 691. *Vaccinium vitis-idaea* L.
Oona, Alaska, Aug. 26, 1899. See
ante, 2:177.

✓ No. 14, 692. *Arctostaphylos canescens*
Eastw. Cobb Mt., Lake Co., 13 July,
1897.

✓ No. 14, 693. Same. Castle Peak, nr.
Mendocino Co., 26 July, 1897.

✓ No. 14, 694. Same. Asa Bean Ridge,
near Castle Peak, nr. Mendocino Co.

✓ No. 14, 695. Same. Mt. St. Helena. 4 May,
1893.

✓ No. 14, 696. *Arctostaphylos canescens* Eastw.
Batu. Blue Lakes and Ukiah,
Aug. 6, 1892.

✓ No. 14, 697. *Arctostaphylos sensitiva*
Jepson. Eldridge grade, Mt. Tamal-
pais, Jan. 16, 1892.

No. 14, 698. *Arctostaphylos canescens*
Eastw. Cauxo Knob, w. of St. Helena.
Apr. 25, 1893.

✓ No. 14, 699. Same. Mt. St. Helena, July
19, 1894.

✓ No. 14, 700. Same. Blue Lakes grade
to Ukiah. Aug. 6, 1892.

✓ No. 14, 701. Same. Mt. St. Helena
summit, Sept. 23, 1893.

✓ No. 14, 702. *Arctostaphylos glandulosa*
Eastw. ^{var. *craticulata* (Eastw.) Vasey} Miller Cañon, Vaca Mts., May 23, 1897.

✓ No. 14, 703. *Arctostaphylos*
^{*glandulosa* Eastw.} Mt. Hanna to Clear Lake,
July 15, 1897.

No. 14, 704. *Arctostaphylos manzanita*
Parry. Wilder Cañon, just above
the Rhine School, Sept. 13, 1891.
Vaca Mts.

- No. 14, 705. *Arctostaphylos manzanita* Parry. Greasewood Hills, Yollo Bolly Mts., 27 Apr., 1899. ^{Tehama Co.}
- ✓ No. 14, 706. Same. Gates Cañon, Vaca Mts., Mar. 11, 1890. ^{W. Solano Co.}
- No. 14, 707. *Arctostaphylos manzanita* Parry. Castle Peak, nr. Mendocino Co., July 26, 1897.
- No. 14, 708. *Arctostaphylos* Weldon Cañon, Vaca Mts., June 1, 1891. ^{Solano Co.}
- No. 14, 709. *Arctostaphylos canescens* ^{Eastw.} Vaca Mts., Mar. 25, 1892, in Gates Cañon.
- ✓ No. 14, 710. *Arctostaphylos* Same loc., Mar. 11, 1890.
- ✓ No. 14, 711. *Arctostaphylos manzanita* Parry. Howell Mt. foothills, Feb. 22, 1896.
- No. 14, 712. *Arctostaphylos crustacea* ^{Eastw.} Forest Grove (= Eva sta.), east slope Santa Cruz Mts., June 23, 1893.

- ✓ No. 14, 713. *Arctostaphylos manzanita* Parry. Blue Lakes grade to Ukiah, Aug. 6, 1892.
- ✓ No. 14, 714. Same. St. Helena, Dec. 26, 1895.
- ✓ No. 14, 715. Same. Howell Mt., Napa Co., Jan. 4, 1898.
- No. 14, 716. *A. stanfordiana* Parry Same. Mt. St. Helena summit, Sept. 23, 1893.
- ✓ No. 14, 717. *Arctostaphylos nevadensis* Gray. Mt. Shasta, Horse Camp. Aug. 4, 1894.
- ✓ No. 14, 718. Same. Soldier Ridge, Yollo Bolly Mts., nr. Trinity Co., 24 July, 1897.
- ✓ No. 14, 719. *Arctostaphylos patula* ^{Greene.} Upton near Sisson, July, 1894.
- ✓ No. 14, 720. *Arctostaphylos patula* Greene. Sisson, Siskiyou Co., July, 1894.
- ✓ No. 14, 721. Same. Same loc.
- ✓ No. 14, 722. Same. South Yollo Bolly, July 25, 1897. ^{Tehama Co.}

- ✓ No. 14,723. *Arctostaphylos stan-*
fordiana Parry. Howell Mt., Napa
Range, Feb. 23, 1896.
- ✓ No. 14,724. Same. Mt. St. Helena sum-
mit, May 4, 1893.
- No. 14,725. *Arctostaphylos*
June 20, 1896. Santa Cruz
Mts., on Soquel Creek.
- ✓ No. 14,726. *Arctostaphylos viscid-*
Parry. Greasewood Hills, w.
Tehama Co., 27 Apr., 1899.
- ✓ No. 14,727. Same. Rough and Ready,
Nevada Co., Apr. 15, 1892.
- No. 14,728. *Arctostaphylos* ^{*canescent*}
^{*Eastw.*}
Mt. St. Helena, May 4, 1893.
- No. 14,729. *Arctostaphylos elegans*
Jepson. Lower Lake grade to Kel-
seyville, 30 July, 1892, Mt. Konati.
- ✓ No. 14,730. *Arctostaphylos sensitiva*
Jepson. Mt. Tamalpais, ridges above
Mill Valley, Jan. 16, 1892.

- No. 14,731. *Dantheria cardiophylla* (Greene)
Weldon Canyon, Vaca Mts., Mar. 1, 1885.
- No. 14,732. *Micropus californicus* F. & M.
La Honda Hills, Napa Valley, Apr. 26,
1893. (Near Yountville).
- No. 14,733. ^{*Micropus californicus* F. & M.}
~~Same~~. Churns Bluff, Pigeon
Point, n. of Vanden, Solano Co., Apr.
18, 1885.
- No. 14,734. ^{*Micropus californicus* F. & M.}
~~Same~~. Marysville Buttes,
Apr. 20, 1891.
- No. 14,735. ^{*Same* *Micropus californicus* F. & M.}
Stivers ranch, Crane Creek,
w. Tehama Co., Apr. 25, 1899.
- No. 14,736. ^W*Graphalium*
Pacific Grove, Aug. 8, 1896.
- No. 14,737. *Graphalium*
Pacific Grove, Aug. 8, 1896.
- No. 14,738. *Graphalium*
Mt. Tamalpais, June 11, 1892.
- No. 14,739. *Graphalium*
Lower Lake grade to
Kelseyville, July 30, 1892.

- No. 14,740. *Grapphalium*
Berkeley, 12 Aug., 1891.
- No. 14,741. *Grapphalium*
Horse Mt., June 24, 1893.
- No. 14,742. *Grapphalium*
Black Butte (Miner Peak), near Sisson.
July, 1894.
- No. 14,743. *Grapphalium*
Mt. Tamalpais, Sept. 9, '92.
- No. 14,744. *Grapphalium*
Alexander Valley, Sonoma
Co., Aug. 8, 1892.
- No. 14,745. *Grapphalium foliastre*
Soldier Ridge, South Yuba Valley,
July 24, 1897. Mounted with 14,755
- No. 14,746. *Grapphalium*
Mt. Diablo, May 27-
24, 1891.
- No. 14,747. *Grapphalium*
Sisson, Siskiyou Co., July, 1894.
- No. 14,748. *Grapphalium*
Sisson, July, 1894.

- No. 14,749. *Grapphalium*
Valley of the Russian River above
Clearlake. Aug. 7, 1892.
- No. 14,750. *Grapphalium*
Audens Isl., Lower Sacramento
River, Oct. 5, 1893.
- No. 14,751. *Grapphalium palmstre* Nutt.
St. Helena, in bed of Napa River,
Nov. 5, 1894.
- No. 14,752. *Grapphalium palmstre* Nutt.
Gravelly Valley near Hubville, n. Cal.
Co., Aug. 4, 1892.
- No. 14,753. *Grapphalium palmstre* Nutt.
Coulterville, Mariposa Co., 3 July,
1896.
- No. 14,754. Same. Bear Valley, Nevada
Co., July 20, 1898.
- No. 14,755. *Grapphalium*
Soldier Ridge, St. Trinity Co., 25
July, 1897.
Mounted on same sheet with 14,745

No. 14,756. *Graphalium purpureum* L.
Fish Ranch, Berkeley Hills, June
9, 1891.

No. 14,757A *Graphalium purpureum* B.
Howell Mt. foothills e. of St. Helena.

No. 14,757B *Graphalium*
Mt. Tamalpais, Sept. 9, 1892.

No. 14,758. *Graphalium*
Berkeley, Aug., 17, 1891.

No. 14,759. *Graphalium*
White Sulphur Spgs., near St. Helena,
that is in Sulphur Creek, 27 Nov., '95.

No. 14,760. *Graphalium*
Knoxville grade to Lower Lake town,
July 29, 1892.

No. 14,761. *Graphalium*
Tennessee Pass, Rocky Mts., Colo.

Aug. 30, 1896.

No. 14,762. *Pluchea camphorata* DC.
Benicia, Aug. 28, 1891.

No. 14,763. *Stylocline filaginea* Gray.
Stivers Ranch, Crane Creek, Rose-
wood, Tehama Co., 25 Apr., 1899.

No. 14,764. Same. Same loc. & date.

No. 14,765. *Disporum smithii* Piper.
Westport, Mendocino coast, 31 July, 1899.

No. 14,766. *Clintonia andrewsiana* Torr.
July 30, 1899. Westport, Mendocino coast.

No. 14,767. *Clintonia uniflora* Kunth.
Merced Big Trees, July 6, 1886.

No. 14,768. Same. Ashland Butte, Ore.
Aug. 1, 1906.

No. 14,769. *Smilacina* ^{racemosa var.} *amplexicaulis* Nutt.
Mt. Tamalpais, Apr. 5, 1892.

No. 14,770. *Smilacina* ^{stellata var.} *sessilifolia* Nutt.
Mt. Tamalpais, Apr. 5, 1892.

No. 14,771. *Smilacina* ^{racemosa var.} *amplexicaulis* Nutt.
Mt. Tamalpais, June 11, 1892.

(Discarded)
No. 14,786. *Dentaria*

Colo.: Tennessee Pass, Aug. 30, 1896

No. 14,787. *Polygonum*
Castle Peak, nr. Mendocino Co., 23 July, 1897.No. 14,788. *Polygonum bistortoides*
Pursh.
South Yalls Bally, July 24, 1897.No. 14,789. Same. Bear Valley, Nevada
Co., July 20, 1898. alt. 4500 ft.No. 14,790. *Polygonum davisianum*
Brew.
South Yalls Bally, 25 July, 1897.No. 14,791. *Polygonum bolanderi*
Brew.
Wooden Valley grade, Napa Range,
Sept. 21, 1893.No. 14,792. Same. La Jota, Howell
Mt., Nov. 26-27, 1895.No. 14,793. *Polygonum paronychia*
C. + S. San Francisco. Sept. 26, 1892.No. 14,794. *Polygonum parryi* Greene.
Bear Valley, Nevada Co., 20 July, 1898.No. 14,795. Same. Gravelly Valley,
n. Lake Co., 4 Aug., 1892.

No. 14, 796. *Polygonum californicum*
 Meissn. Tomki to Sarchedrin Pass,
 July 18, 1897.

No. 14, 797. Same. La Grange, July 2,
 1896. Stanislaus Co.

No. 14, 798. Same. Belwin Hazel
 Green and Yosemite, July 6-7,
 1896.

No. 14, 799. Same. Napa Valley,
 Sept. 1893.

No. 14, 800. *Polygonum phytolaccaefolium*
 Alvarado, 9 Sept., 1897.

No. 14, 801. *Polygonum punctatum*
 Elliott. Angwin's Meadows, How-
 ell Mt., Sept. 24, 1893.

No. 14, 802. *Polygonum punctatum*
 Ell. Ashby sta., Berkeley,
 Sept. 1894.

No. 14, 803. Same. Napa River near
 St. Helena, Oct. 22, 1892.

No. 14, 804. *Polygonum convolvulus*
 L. Sisson, July, 1894.

No. 14, 805. Same. Sisson, July, 1894.

No. 14, 806. *Polygonum shastense*
 Brew. Mt. Shasta, snow line.

Aug. 4, 1894.

No. 14, 807. *Cercocarpus betulae fol-*
ius Nutt. Vacaville, Sept. 1887, in
 the Vaca Mts.

No. 14, 808. *Carex gairdneri* Gray.
 Upper Corn Valley, Napa Range, 13
 Oct., 1894.

No. 14, 809. *Lomatium macrocarpum* ^v
^{C. & R.}
 Vanden, Solano Co., March 16, 1896.

No. 14, 810. *Calluna vulgaris* Salisb.
 Burnham Beeches, Buckinghamshire,
 England, Aug. 13, 1905. See ante
 vol. 13, p. 59.

No. 14, 811. *Erica cinerea* L.
 with 14, 810, same date. See ante
 vol. 13, p. 59.

- No. 14, 812. *Zygadenus fremontii* ^{Wats.} var. ^{salsus}
 Little Oak, Vacaville, May 15, 1896.
 No. 14, 813. Same sp. Rosewood, Tehama Co.,
 25 Apr., 1899.
 No. 14, 814. *Zygadenus fremontii* Wats.
 var. *minor* Jepson. San Francisco,
 22 Mar. 1891.
 No. 14, 815. *Zygadenus fremontii* Wats.
 Hood's Peak Range w. of St. Helena,
 near Cox's Cabin, 25 Apr. 1891.
 No. 14, 816. *Zygadenus fremontii*
 Wats. Mitchell Cañon, Mt. Diablo,
 Oct. 18, 1898.
 No. 14, 817. *Zygadenus venenosus*
 Wats. Tiburon, Marin Co., 20 July,
 1891.
 No. 14, 818. *Zygadenus venenosus*
 Wats. Bear Valley, Nevada Co.,
 July 20, 1898. 4500 ft.

- No. 14, 819. *Fritillaria* ^{recurva Benth. var.} ~~*coerulea*~~ *lycaea*.
 Henry St. Helena Creek, Middletown
 grade, e. side Mt. St. Helena,
 May 5, 1893.
 No. 14, 820. Same. St. Helena, on York
 Creek, Apr. 29, 1893.
 No. 14, 821. *Fritillaria lanceolata*
 Pursh var. *floribunda* Wats.
 Dutton Cañon, Vaca Mts., 17 May, 1892
 No. 14, 822. *Fritillaria lanceolata*
 Pursh var. *gracilis* Wats. Pope
 Valley grade e. from Calistoga, May 2,
 1893.
 No. 14, 823. *Fritillaria lanceolata*
 Pursh var. *floribunda* Bth.
 Middletown grade on e. side of Mt. St.
 Helena, May 5, 1893.
 No. 14, 824. *Fritillaria lanceolata*
 Pursh var. *floribunda* Wats. Gates
 Cañon, Vaca Mts., 25 Mar., 1892.

No. 14, 825. *Fritillaria lanceolata*
Pursh var. *floribunda* Wats.

Meliken Creek, Napa Range,

Apr. 28, 1893.

No. 14, 826. *Fritillaria* ^{*F. micrantha* Seel} *parviflora* Torr.

Penn Valley, e. Yuba Co., Apr. 16, 1892.

No. 14, 827. *Convolvulus subacaulis*

Pigeon Point, Arquipa Hills, Solano

Co., Apr. 18, 1885.

No. 14, 827. *Quercus Kelloggii* Herb.

Bear Valley, Nevada Co., 20 July, 1898.

No. 14, 828. Same. Ross Valley, Marin

Co., Apr. 5, 1892.

No. 14, 829. Same. Howell Mt., Napa

Co., Feb. 22, 1896.

No. 14, 830. Same. Miller Cañon, Yuba

Mts., Sept. 21, 1891.

No. 14, 831. Same. Asa-Bean Ridge,

ne. Mendocino Co., July 26, 1897.

No. 14, 832. Same. Elk Mt. ridge

to Horse Mt., n. Lake Co., Aug. 2,

1892.

No. 14, 833. *Lactuca serriola*

Berkeley. July 8, 1936. See vol.

56, p. 51. Insect damage. All discarded. ^{LRH} ₁₉₄₅

No. 14, 834. *Guscuta subinclusa*

D. & H. on *Photinia arbutifolia*.

Mt. Tamalpais, Sept. 9, 1892.

No. 14, 835. *Ribes sanguineum* ^{Pursh}

var. *glutinoseum* Loud.

Mill Valley March 29, 1891.

No. 14, 836. *Rumex salicifolius*

Weinm. Pacific Grove, Aug. 8, 1896.

No. 14, 837. ^{*Rumex transitorius* Pich. & f.} Same. North Berkeley. June,

No. 14, 838. Same, var. *montigenus* 1891.

Japson. Soldiers, Yolla Bolly Mts., July
24, 1897. Ridge, (Mendocino Co.)

No. 14, 839. Same. Summit sta.,

Nevada Co., July, 1898. Alt. 7000 ft.

No. 14, 840. Same. Same loc. & date.

No. 14, 841. *Rumex* ^{*transitorius* Pich. & f.} *salicifolius* Weinm.

Alvarado, June 7, 1897.

No. 14, 842. *Rumex acetosella* L. & f.

Berkeley. June, 1896.

- No. 14, 843. *Rumex frigidus* Phil.
Alvarado, June 7, 1896.
- No. 14, 844. *Rumex*
Tennessee Pass, Aug. 30, 1896.
- No. 14, 845. *Rumex* ^{*frigidus* Phil.} ~~*pericarioides* L.~~
Alvarado, Sept. 9, 1897.
- No. 14, 846. *Rumex* ^{*frigidus* Phil.} ~~*maritimus* L.~~
Mountain Lake, San Francisco Co.
May 20, 1891.
- No. 14, 847. *Rumex* ^{*crispus* L.} ~~*conglomeratus* Thunb.~~
Haywards, June 7, 1897.
- No. 14, 848. *Rumex* ^{*conglomeratus*} Same. Jarvis Idg., Alameda Co., Bay shore, June 19, 1897.
- No. 14, 849. *Rumex crispus* L.
Berkeley, June 1, 1891.
- No. 14, 850. *Rumex crispus* L.
Montezuma School, Montezuma Hills, May 14, 1892. Solano Co.
- No. 14, 851. *Rumex* ^{*fenestralis* Greene} ~~*occidentalis* Wats.~~
Collinsville, May 14, 1892.

- No. 14, 852. *Rumex occidentalis* Wats.
Sisson. Swamps in Strawberry Valley, July 24 - Aug. 10, 1894.
Plants 6 ft. h. Only ^{the} top of panicle taken.
- No. 14, 853. Same. Denwinton, Solano Co., May 30, 1891.
- No. 14, 854. *Trifolium trilobatum* Jeps.
Marysville Butte (base of South Peak),
Apr. 20, 1891.
- No. 14, 855. *Chenopodium album* L.
Alvarado, Sept. 9, 1897.
- No. 14, 856. *Chenopodium album* L.
Soldiers Ridge near South Yalco.
Bally, July 24, 1897.
- No. 14, 857. *Chenopodium rubrum* L.
Alvarado, Sept. 9, 1897.
- No. 14, 858. Same. Audubon Isl.,
Lower Sacramento River, Oct.
4-5, 1893.

No. 14, 859. *Chenopodium botrys* L.
Horseshoe Bend, upper Sacramento
River, Aug. 9, 1894, near Shasta
Sprs.

No. 14, 860. Same. Putah Creek near
Winters, Sept. 17, 1887.

No. 14, 861. *Chenopodium capitatum*
(L.) Asch. Sisson. Aug., 1894.

No. 14, 862. *Chenopodium californicum*
Wats. May 5, 1896. Berkeley.

No. 14, 863. Same. Ross Valley, Marin
Co., Apr. 5, 1892.

No. 14, 864. Same. Marysville Buttes,
Apr. 20, 1891.

No. 14, 865. *Ceanothus velutinus*
Dougl. var. *lorenzanii* Jepson.
Sisson. July 24 - Aug. 10, 1894.

No. 14, 866. *Calycadenia hispida* (Greene)
Betr. Moos Ferry and Atlanta, ^{Greene}
June 27, 1896.

No. 14, 867. *Platanus racemosa* Nutt.
Kaweah, Dec. 1902. Tulare Co.

No. 14, 868. Same. Grand Isl., lower Sac-
ramento River, 17 Sept., 1891.

No. 14, 869. Same. Cañon e. of Bald
Peak, Berkeley Hills, Oct. 9, 1899.
Contra Costa Co.

No. 14, 870. Same. Kaweah (North
Fork, Dec. 1901.

No. 14, 871. Same. Riverside, June 2,
cf. ante 6:160. 1901.

No. 14, 872. ~~Montana~~ ^{*Platanus*} *sibirica* ^{L.} ~~Horst.~~
Sisson. July. 1894.

* Continued from bottom p. 61 *

This house, or one near it, is the one
mentioned by W. H. Brewer in his
journal "Up and Down California,"
where he speaks of some one who had
a botanical library. The old-time
house near the road, just at foot of
hill going north from Suscol,
-over-

was of old, the Hathaway House. It is the one referred to on my label as Lone Tree Farm, as I remember. At the house still stands. It was ^{partly} built by Dr. E. V. Hathaway and occupied by a younger "wild" brother.

No. 14, 873. *Solisia sessilis* R. & P.

Forest Grove, Santa Cruz Mts., 6-23-96.

No. 14, 874. Same. Howell Mt. Below New Eden, May 8, 1893.

No. 14, 875. Same. Betw. Birds Ldg. and Devorton, Solano Co., 5-14-92.

No. 14, 876. *Arctostaphylos manzanita* Parry. Vaca Mts., Feb. 15, 1885.

No. 14, 877. *Trichostema laxum* Gray. Gravelly Valley, S. Fork Eel River, n. Lake Co., Aug. 4, 1892.

No. 14, 878. Same. Patah Creek at Devil's Gate, July 27, 1892.

No. 14, 879. *Trichostema lanceolatum* Bth. Alvarado, Sept. 9, 1897.

No. 14, 880. Same. Lafayette, Contra Costa Co., Sept. 14, 1895.

No. 14, 881. Same. Winters (w. of), July 27, 1892.

No. 14, 882. Same. Vacaville. Sept. 30, 1893.

No. 14, 883. Same. Petrified Forest, Sonoma Co., Aug. 30, 1895.

No. 14, 884. *Trichostema lanceolatum* Bth. Gravelly Valley, Eel River, n. Lake Co., Aug. 4, 1892.

No. 14, 885. *Trichostema oblongum* Bth., Big Meadows, near McCanley, Coulterville - Yosemite road, July 6, 1896.

No. 14, 886. Same. Bear Valley, Nevada Co., July 22, 1898.

No. 14, 887. *Mimulus* Bear Valley, Nevada Co., July 22, 1898.

No. 14, 888. *Sphaeralcea calycina* Bth. ^{*Lepechinia*} Weldon Cañon, Vaca Mts., June 1, 1891.

No. 14, 889. Same. Near Golon, Monterey Co., June, 1901.

- No. 14,890. *Marrubium vulgare* L. Alameda Oct., 1894.
- No. 14,891. *Agastache urticifolia* Rydb. Castle Peak, nr. Mendocino Co., July 26, 1897.
- No. 14,892. *Agastache urticifolia* (Bth.) Ktze. Bean Valley, Nevada Co., July 20, 1898.
- No. 14,893. Same. Carr's Knob w. of St. Helena, Apr. 25, 1893.
- No. 14,894. Same. Yosemite. July 6-12, 1896.
- No. 14,895. *Pycnanthemum californicum* Torr. Sisson. July 24. Aug. 10, 1894.
- No. 14,896. *Nepeta cataracta* L. Mt. Konetti, July 30, 1892.
- No. 14,897. Same. Scott Valley, Lake Co., Aug. 1, 1892. *Agastache urticifolia* (Bth.) Ktze.

- No. 14,898. ^{=Prunella} *Prunella vulgaris* L. var. *lanceolata* Nutt. Sisson. Aug. 1894.
- No. 14,899. ^{Prunella vulgaris L.} Same. Soldier Ridge, sr. Trinity Co., 24 July, 1897.
- No. 14,900. *Lycopus sinuatus* Ell. Tyler Isl., lower Sacramento River, Oct. 4-5, 1893. = *L. americanus* Muhl.
- No. 14,901. *Lycopus lucidus* Turcz. Benicia, Aug. 28, 1891.
- No. 14,902. *Pogogyne douglasii* Bth. St. Helena, June 2, 1896.
- No. 14,903. Same. Vacaville, on Little Oak Ranch, 1885.
- No. 14,904. Same. Willows, Glenn Co., May 1, 1899.
- No. 14,905. Same. Willows, Glenn Co., May 1, 1899.
- No. 14,906. Same. Marin Prairie, Solano Co., Apr. 12, 1885.

No. 14,907. *Pogogyne douglasii* Bth.

Pope Valley, Napa Co., July 12, 1897.

No. 14,908. Same. Main Prairie, e.

Solano Co., 5 July, 1891.

No. 14,909. Same. Big Valley, Clear Lake. July 31, 1892.

No. 14,910. Same. Hass Slough, near Main Prairie, e. Solano Co., 20 June, 1893.

No. 14,911. Same. Near Upper Lake, Lake Co., 2 Aug., 1892.

No. 14,912. Same. Little Oak, Solano Co., May 23 - June 1, 1894.

No. 14,913. *Pogogyne serpylloides* Gray.
Morrison Cañon, Niles, 20 June, 1897.

No. 14,914. *Pogogyne zizyphoroides* Bth. Willows, Glenn Co., May 1, 1899.

No. 14,915. *Mentha*

Blue Lakes, Lake Co., Aug. 1, 1892.

No. 14,916. *Mentha arvensis* L. ^{= villosa var.}

~~canadensis~~ Briggs Putah Creek near Winters but in Solano Co., Sept. 12, 1888.

No. 14,917. Same. Sisson. July-Aug., '94.

No. 14,918. Same. Suisun Marshes. Aug. 16, 1892.

No. 14,919. Same. Ryan Isl., lower Sacramento River, Sept. 17, 1891.

No. 14,920. ~~Asclepias speciosa~~ Same. Trust's Landing, Indiana Island, Lower Sacramento River.

No. 14,921. Same. Grand Isl., lower Sacramento River, Sept. 17, 1891.

No. 14,922. Same. Rio Vista. Sept. 16, '91.

No. 14,923. *Mercurialis spicata* L.

Ashby Ave., Berkeley. Sept., 1894.

No. 14,924. Same. Scott Valley,
Lake Co., Aug. 1, 1892.

No. 14,925. Same. Same loc. July 15,
1897.

No. 14,926. Same. Alvarado. Sept. 9,
1897.

No. 14,927. Same. Napa Valley, Aug. '92.

No. 14,928. *Mercurialis triperita* L.
West Berkeley. W. L. Jepson.
1892.

No. 14,929. *Scutellaria antirrhin-*
oides Bth. July, 1894. Sisson.

No. 14,930. Same Lake Co.
July - Aug., 1892.

No. 14,931. *Scutellaria angustifolia*
siphocampylodes
Pursh. Greeley Hill above Coulterville,
July 3, 1896.

No. 14,932. *Scutellaria californica* Gray
Suisun Valley,

June 19, 1891.

No. 14,933. *Scutellaria californica*
Gray.

Hovell Mt., June 26, 1893.

No. 14,934. *Scutellaria californica* Gray.
Bear Valley, Nev-

ada Co., July 20, 1898.

No. 14,935. *Scutellaria tuberosa*

Probably the Alameda collection
of May 10, 1891 which was numbered 14,938.

No. 14,936. *Scutellaria tuberosa* Bth.
Ross Valley, Marin Co., Apr. 5, 1892.

No. 14,937. Same. Berkeley, Apr. 23, '91.

No. 14,938. Same. Mt. Diablo. May. 23-
24, 1891.

No. 14,939. Same. Niebaum's Dam, sw. of
St. Helena, May 9, 1893.

No. 14,940. Same. Palisades, east of

- Calistoga near summit Pope Valley
grade, May 2, 1893.
- No. 14,941. *Salvia carduacea* Bth.
Betw. Mossdale School and Atlanta,
San Joaquin Co., June 27, 1896.
- No. 14,942. *Salvia columbariae* Bth.
Rosewood, Tehama Co., 25 Apr.,
1899. 3 ft. h., acc. note on collection
sheet made in field.
- No. 14,943. Same. South Butte, Marys-
ville Buttes, Apr. 20, 1891.
- No. 14,944. Same. Dennis Peak, Vaca-
litos, May 19, 1884.
- No. 14,945. *Salvia sonomensis* Greene.
Rebecca Ranch grade sw. of Calistoga,
May 2, 1897.
- No. 14,946. Same. Niel's Camp, Mt.
Shasta, Aug. 4, 1894.
- No. 14,947. Same. Between Knights
Valley and Franz Valley, e. Sonoma Co.,
May 1, 1893.

- No. 14,948. *Salvia mellifera* Jepson.
Seacliff betw. Carmel Mission and
Cypress Point, Aug. 10, 1896.
- No. 14,949. Same. Las Trampas
Ridge, Contra Costa Co., Apr. 11, 1899.
- No. 14,950. *Stachys pycnantha* Bth.
West Berkeley, Sept. 1894.
- No. 14,951. *Stachys pycnantha* Bth.
Tiburon, Marin Co., July 20, 1891.
- No. 14,952. *Stachys rigida* ssp. *guarantorum*
Putah Bluffs near Winters, May 2-6,
1891.
- No. 14,953. *Stachys rigida* ssp. *guarantorum*
Chandler Cañon, Arapaho Hills,
sw. Solano Co., May 2-6, 1891.
- No. 14,954. *Stachys rigida* ssp.
guarantorum (Hel.) *rigida* ssp. *guarantorum*
Livermore Valley, May 16-17, 1891.
- No. 14,955. *Stachys*
Livermore Valley, May 16-17, 1891.

- ✓ No. 14, 955. *Stachys* ^{*rigida* ssp.} *arundinis* Hel.
Bear Valley, Nevada Co., July, 1898
- ✓ No. 14, 956. *Stachys* *chamissonis* Bth.
Between Sattum and Fort Bragg,
July 30-31, 1897.
- ✓ No. 14, 957. *Stachys* ^{*rigida* ssp. *quercetorum*} *quercetorum* Hel. ^{*quercetorum* from S. *quercetorum*}
Ross Valley, Marin Co., Sept. 9, 1892
- ✓ No. 14, 958. *Stachys* *rigida* Nutt.
Shasta Sprs., Aug. 9, 1894.
- No. 14, 959. *Stachys* *albena* Gray
Suisun Marshes, Aug. 16, 1892.
- ✓ No. 14, 960. *Stachys* *ajugoides* Bth.
Napa, Nov. 7, 1894.
- No. 14, 961. *Stachys* *rigida* Nutt.
St. Helena, May 2, 1897.
- ✓ No. 14, 962. *Stachys* ^{= *S. albena*} *velutina* Greene
Alvarado, Alameda Co.,
Sept. 9, 1897.

- No. 14, 963. *Stachys* *ajugoides* Bth.
San Leandro, May 26, 1896.
- ✓ No. 14, 964. *Stachys* *ajugoides* Bth.
Niles, towards Jarvis Ldg.,
June 19, 1897.
- ✓ No. 14, 965. *Stachys* *ajugoides* Bth.
Collinsville, Solano Co., May 14,
1892.
- No. 14, 966. *Stachys* *ajugoides* Bth.
Jarvis Landing, Alameda Co.,
June 19, 1897.
- ✓ No. 14, 967. *Stachys* *ajugoides* Bth.
St. Helena, May 3, 1894.
- No. 14, 968. *Stachys* *californica* Bth.
Santa Cruz Mts., June, 1896.
Between Corralitos and Soquel.
- ✓ No. 14, 969. *Stachys* *bellata* Bth.
Carmel River near Carmel,
Aug. 10, 1896. (*S. californica* Bth.).
- ✓ No. 14, 970. *Stachys* *albena* Gray.
Betw. Samuel's Sprs. and Aetna Sprs.,
Napa Co., 12 July, 1897.

No. 14,971. *Stachys albens* Gray.
Big Meadows, betw. Merced Grove and
Jensenite, July 6, 1896.

No. 14,972. Same. Siuam Marshes.
Sept., 1890.

No. 14,973. Same. Livermore Pass.*
June 25, 1896. Near Mountain
House.

No. 14,974. Same. Hass Slough,
Main Prairie, 5 July, 1891.

No. 14,975. Same. Millers Ferry,
West Fork Mokelumne River, near
the Sacramento River, Oct. 4-5, '93.
cf. F. B. 1: 24. Millers Ferry is near
Walnut Grove.

No. 14,976. Same. Knoxville grade
to Town Lake, on Knoxville Ridge,
July 29, 1892.

* So recorded. Really = Altamont
Pass, the name in use c. 1930.

No. 14,977.

not *S. rigida* ssp. *quercetorum*
No. 14,978. *Stachys bullata* Bth.

Near Kelseyville, Lake Co., July 31,

1892 = *S. ajugoides* var. *quercetorum* (Hel.)

No. 14,979. *Stachys bullata* Bth.
^{not}

Gates Cañon, Vaca Mts., June 12,

1893. Same as no. 14,980.

not *S. rigida* ssp. *quercetorum*
No. 14,980. *Stachys bullata* Bth.

Walker Cañon, Vaca Mts., May

17, 1892 = *S. ajugoides* var. *quercetorum* (Hel.)

No. 14,981. *Stachys ajugoides* Bth.

Bay Farm Island, near Alameda,

Aug. 26, 1891.

No. 14,982. *Stachys ajugoides* var. ^{*rigida* ssp. *quercetorum* (Hel.)}

Hills east of St. Helena towards
head of Conun Valley, Apr. 24,
1893.

rigida ssp. *quercetorum* (Hb.)
No. 14, 983. *Stachys jugoides* var.

Berkeley. March 28, 1896.

No. 14, 984. *Stachys rigida* ssp. *quercetorum*

Berkeley. March 19, 1897.

No. 14, 985. *Stachys jugoides* Bth.
var. Hills east of St.

Helena towards head of Coan
Valley. Apr. 24, 1893.

[50c. *Monardella leucocephala*

Gray. I recorded this on the
herb. label as collected near the
—— Bridge, Tuolumne River.

My field book says: Left La Grange
"thence down the river [July 15, 1896]⁷⁵
— at 7:00 p.m.,
and camped over night on the

Tuolumne River by the Great Bridge.
Fine oak [*Quercus lobata*] at our
camping place [south bank] across
the river from a great farm."

Thence across the San Joaquin
plains via Oakdale to Stockton.

The present day maps (topographic)

show the first bridge below La Grange
as the Basso Bridge. The farm build-
ing is marked on the north bank,
correctly for my "Great Bridge".

Moreover we were following "out-bound",
the Waterford-Yosemite road which
crosses the river by the Basso Bridge,
I take it. Plainly the Yosemite Road

runs east from Waterford, starting
nearly from Modesto (see River-
bank, Waterford, Paulsall, Cosperstown
and La Grange quadrangles, all circa
1916). Moreover, the Cal. Auto Assoc.

Yosemite ^{road} map, shows the Yosemite
road as above, crossing the river
at the point where the Basso
bridge is located. Moreover I now
find another sheet* of *Monardella*
leucocephala, with the annotation
on sheet made in the field, "Plains
of the San Joaquin near Tuolumne

River bridge below La Grange, July 15, 1896". This record is important, because one is here dealing with an extremely narrow endemic. I make the strip along the Tuolumne River about 15 miles long, since Dr. Hoover got it "12 miles east of Waterford". - W. L. J., 12-28-37.
The equivalent sheet is numbered 1006. cf. R. B. 1:31, 68.

"No. 14, 986. *Monardella villosa* Bth. Arroyo Mucho, south of Livermore Valley, May 16, 1891.

"No. 14, 987. *Phlox speciosa* Pursh.
ssp. occidentalis (Durand) Wherry
Yalco Bally, July 24, 1897.
↑ South

"No. 14, 988. *Phlox speciosa* Pursh.
ssp. occidentalis (Durand) Wherry
Rough-and-Ready, Nevada Co.,
Apr. 15, 1892.

"No. 14, 989. *Phlox* ^{*diffusa* Benth.} ~~*longicaule* Hook.~~
South Yalco Bally, July 25, 1897.
= var. *diffusa* Gray.

"No. 14, 990. Same.

Horse Camp, mt. Shasta, Aug. 4, 1894.

"No. 14, 991. *Collomia heterophylla* Hook.
Blue Lakes, Lake Co., 16 July, 1897.

"No. 14, 992. Same.

Gilroy, June 16, 1896.

"No. 14, 993. *Collomia tinctoria* Kell.
South Yalco Bally, 25 July, 1897.

"No. 14, 994. Same

South Yalco Bally, 25 July, 1897

No. 14,995. *Collomia grandiflora*
Dougl. Sisson. July - Aug., 1894.

No. 14,996. Same.

South Yalco Bally, July 24, 1897.

No. 14,997. *Polemonium pulcher-
rimum* Hook. Summit sta.,
Nevada Co., July, 1898.

No. 14,998. *Polemonium pulcher-
rimum* ~~Hook.~~
~~folium Nutt~~ Mt. Shasta,
above snow line. Aug. 4, 1894.

No. 14,999. *Gilia nuttallii* Gray.
Tennessee Pass, Colorado,
Aug. 30, 1896. = *Siphonella*
nuttallii Hrb.

No. 15,000. *Navarretia cotulaefolia*
Little Oak, Vacaville, 15 May, 1896.

No. 15,001. Same. May 31, 1884. Vacaville.

No. 15,002. Same. ^{e. of Gibroy,} Balsa near Hollister,
June 10, 1896.

No. 15,003. Same. Willows, Glenn
Co., May 1, 1899.

No. 15,004. Same. Same loc. and date.

No. 15,005. Same. Same loc. and date.

No. 15,006. Same. Little Oak, Vacaville,
May 2-6, 1891.

No. 15,007. *Navarretia intertexta*
Hook. July 19, 1894. Calistoga.

No. 15,008. Same. Sisson, July, 1894.

No. 15,009. ^{= *N. propinqua* Suksd.} *Navarretia intertexta*
Hook. var. *propinqua* Brand.
Soldiers Ridge, se. Trinity Co.,
July 24, 1897.

No. 15,010. ^{= *N. propinqua* Suksd.} *Navarretia inter-*
texta Hook. var. *propinqua* Brand.
Dog Valley, e. Sierra Co.
Aug. 26, 1896.

No. 15,011. ^{= *N. propinqua* Suksd.} *Navarretia intertexta*
Hook. var. *propinqua* Brand.
Bear Valley, Nevada Co., July 20,
1898.

No. 15,012. *Navarretia intertexta*
Hook. Cobb Mt., sw. Lake Co.,
July 14, 1897.

No. 15,013. ^{*Navarretia cotulaefolia*} Same. Browns Valley,
nw. Solano Co., May 2-6, 1891.

No. 15,014. ^{Not = *N. biomanata* Eastw.} *Navarretia intertexta* (Bth.) Hook.
Same. Dog Valley, e.
Sierra Co., Aug. 26, 1896.

No. 15,015. *Navarretia leucoceph-*
ala Bth. Vacaville. 1892.

No. 15,016. Same. Little Oak, Vaca-
ville, May 31, 1884.

No. 15,017. Same. Wolfskill str.,
nw. Solano Co. May 2-6, 1891.

✓ No. 15,018. *Navarretia leucocephala* Bth. June 27, 1896.
Burnett sta., Stanislaus Co., n.
of Oakdale.

✓ No. 15,019. *Navarretia leucocephala* Bth. Willows, Glenn Co.
May 1, 1899.

No. 15,020. Same, same loc. + date

No. 15,021. Same, same loc. + date.

✓ No. 15,022. *Navarretia tagetina*
Greene. Rebecca ranch, sw. of
Calistoga. Oct. 14, 1894.

✓ No. 15,023. *Navarretia tagetina*
Greene. Davis Hills, w. of Vacaville,
June 15, 1893.

✓ No. 15,024. *Navarretia tagetina*
Greene. Near Birds Landing,
May 14, 1892. (Solano Co.).

No. 15,025. *Navarretia tagetina*
Greene. Vaca Valley, May 23,
1897.

✓ No. 15,026. Same. Near Haverhill,
Gravelly Valley, n. Lake Co.,
Aug. 4, 1892.

- ✓ No. 15,027. *Navarretia tagetina*
Greene. Howell Mt., Napa
Range, June 26, 1893.
- ✓ No. 15,028. *Navarretia atroty-*
loides H. & A. Kelseyville, Lake
Co., July 31, 1892.
- ✓ No. 15,029. *Navarretia viscidula*
Bth. Ross Valley, Marin Co.,
Cal. June 11, 1891.
- ✓ No. 15,030. Same. La Grange,
bluffs of the Tuolumne River,
2 July, 1896.
- ✓ No. 15,031. Same. Same loc. + date.
Sept 5, 1893.
- ✓ No. 15,032. Same. Same loc. + date.

- ✓ No. 15,033. *Navarretia viscidula*
Bth. Gates Canyon, north, Yaca
Mts., 20 June, 1892.
- ✓ No. 15,034. Same. Cannon sta., e.
of, June 18, 1892. Solano Co.
- ✓ No. 15,035. *Navarretia pubescens*
H. & A. Coulterville, Mariposa
Co., July 3, 1896. Corolla blue
with very narrow purple and
white markings in throat;
markings clavate.
- ✓ No. 15,036. Same. Miller Canyon,
Yaca Mts., May 23, 1897.
Corolla violet with narrow
white band at throat, purple-
lined below; or the white
absent.

N. cotulaefolia

- ✓ No. 15,037. *Navarretia pubescens*
~~H. & A.~~ Hass Slough, & Solano
 Co., July 5, 1891. No. = *N. boumanae*
 Eastw.

- ✓ No. 15,038. *Navarretia pubescens* (Benth.) H. & A.
 Same. Browns Valley,
 nw. Solano Co., May 2-6, 1891.

- ✓ No. 15,039. Same. Muzzys ranch,
 Montezuma Hills, Solano Co.,
 May 14, 1892.

- ✓ No. 15,040. Same. Upper Napa
 Valley, above Calistoga, July 14,
 1894.

- ✓ No. 15,041. *Navarretia pubescens*
 H. & A. Burnett sta., ss. San
 Joaquin Co., June 27, 1896.

- ✓ No. 15,042. Same. Davis Hills, Vaca-
 ville, Solano Co. June 15, 1893.

- ✓ No. 15,043. Same. Asa Bean Ridge,
 ss. Mendocino Co., July 23, 1897.

- ✓ No. 15,044. *Navarretia divaricata*
 H. & A. Soldiers Ridge, ss. Trin-
 ity Co., July 24, 1897.

- ✓ No. 15,045. *Navarretia divaricata*^{greene.}
 Mt. Hannah, Lake Co., 15 July, 1897.
 = var. *viridia* Jepson & Bailey.

✓ No. 15,046. *Navarretia divaricata* (Torr). Bear Valley,
Nevada Co., 20 July, 1898.
4500 ft.

✓ No. 15,047. Same. Hazel Green,
Mariposa Co., July 5, 1896.
5665 ft.

✓ No. 15,048. = *Eriastrum pleuriflorum*
~~*Gilia variegata* Steud.~~
var. *floribunda* Gray. On the
long east-west road, San Joaquin
Co. plain betw. Mossdale
School and Atlanta. 27 June,
1896. = *Stegelia pleuriflora* Ewan.

✓ No. 15,049. ^{*Eriastrum filifolium*}
~~*Gilia floccosa* Gray.~~
Dog Valley, E. Nevada Co., Cal.,
(west of Reno, Nev.).

Aug. 26, 1896. = *Stegelia filifolia* (Nutt.) Jepson var. *floccosa*
Jepson + Hoover.

✓ No. 15,047. ~~*Alhambra californica*~~
~~var. *roepffianus* Whipple~~
~~flat, Inyo Co. May, 1907.~~

✓ No. 15,048. *Gilia aggregata* Sps.
~~Pinnacle of South Yablos Dolly.~~
~~July 25, 1897.~~

✓ No. 15,049. Same. Sisson. July, 1897.

✓ No. 15,050. = *Microsteris*
Gilia gracilis Hook.
Mts. e. of Calistoga on Pope
Valley grade, May 2, 1893.

✓ No. 15,051. = *Microsteris*
Gilia gracilis Hook.
Davis Hills, Vacaville. Mar. 25,
1892.

No. 15,052. ^{=Microsteris} *Gilia gracilis* Hook.
Smartsville, Yuba Co., 9 Apr. '92.

No. 15,053. ^{=Microsteris} *Gilia gracilis* Hook.
San Bruno Hills, San Francisco,
Apr. 4, 1891.

No. 15,054. ^{=Microsteris} *Gilia gracilis* Hook.
Black Butte n. of Sisson,
July, 1894.

No. 15,056. ^{=Microsteris} *Gilia gracilis* Hook.
St. Helena (hills E.), Apr. 24, 1893.

No. 15,057. ^{Allophyllum gilioides (Benth.) A. & V. Grant} ~~*Gilia gracilis* Hook.~~
South Peak, Marysville Buttes,
Apr. 20, 1891.

No. 15,058. ^{=Microsteris} *Gilia gracilis* Hook.
Bear Valley, Nevada Co.,
20 July, 1898.

No. 15,059. ^{Allophyllum divaricatum} ~~*Gilia gilioides* Greene.~~
Mt. Konocti. July 30, 1892.
Lake Co.

No. 15,060. ^{Allophyllum divaricatum} ~~*Gilia gilioides* Greene.~~
Howell Mtn. near Angier. June
26, 1893. Napa Co.

No. 15,061. ^{Allophyllum divaricatum} ~~*Gilia gilioides* Greene.~~
Sisson. July, 1894.

No. 15,062. ^{Allophyllum integrifolium (Brand) A. & V. Grant} ~~*Gilia gilioides* Greene.~~
Bear Valley, Nevada Co., 20 July,
1898.

No. 15,063. ^{= *Allophyllum gilioides* (Benth.) V. Grant} *Gilia gilioides*
Greene. Washington Flat near
Altaville, Calaveras Co., Aug. 5,
1890.

No. 15,064. *Gilia tricolor* Bth.
Marysville Buttes (Butte Pass),
Apr. 20, 1891.

No. 15,065. *Gilia tricolor* Bth.
Vacaville. Apr. 4, 1884.

No. 15,066. ^{*achilleaeifolia* Benth.} *Gilia multicaulis*
^{Bth.}
Las Trampas Ridge, Contra Costa
Co., Apr. 19, 1899.

No. 15,067. ^{= *Allophyllum*} *Gilia gilioides* (Bth.)
^{Greene.}
Cold Fork, Cottonwood Creek,
western Tehama Co., Apr. 27, 1899.
(Greenswood Hills).

No. 15,068. *Gilia multicaulis* Bth.
^{ssp. *multicaulis* (Benth.) V. Grant}
Walker Cañon, Yaca Mts.,
May 17, 1892. = ~~var. *pedunculata* Jepson.~~

No. 15,069. ^{*clivorum* (Jeps.) V. Grant} *Gilia multicaulis*
Bth. Gates Cañon, Yaca Mts.,
March 25, 1892.

No. 15,070. *Phacelia distans* Bth.
Gates Cañon, Yaca Mts., Mar.
25, 1892.*

No. 15,071. ^{*clivorum* (Jeps.) V. Grant} *Gilia multicaulis* Bth.
Gravyard Hill, Vacaville, in 1889.
= ~~var. *pedunculata* Jepson.~~

* These are only seedlings but I
take them to be *P. distans*. I have
never collected flowering specimens in
the Yaca Mts., however. *P. tanacetifolia*
is not to be expected there.

No. 15,072. *Gilia* ^{*achilleaeifolia* Benth.} ~~*multicaulis* Bth~~
Berkeley Hills, c. 1891.

No. 15,073. *Gilia capitata* ^{Sims} ~~Doughl.~~
^{*ssp. capitata*}
Howell Mts., Napa Co., June 26,
1893.

No. 15,074. *Gilia capitata* ^{Sims} ~~Doughl.~~
^{*ssp. capitata*}
Hills below Corn Valley (cross-
ridge at mouth, separating it
from Napa Valley), June 2, 1896

No. 15,075. *Gilia capitata* ^{Sims} ~~Doughl.~~
^{*ssp. capitata*}
Stiver's ranch, Rosewood, western
Tehama Co., in the hill country
of Cottonwood Creek. 25 Apr.,
1899.

No. 15,076. *Gilia capitata* ^{Sims} ~~Doughl.~~
^{*ssp. capitata*}
Weldon Cañon, Vaca Mts., Sept. 3,
1887

No. 15,077. *Gilia* ^{*capitata* Sims *ssp. pedemontana*} ~~*achilleaeifolia* Bth.~~
^{V. Grant}
Butte Pass, Marysville Buttes,
Apr. 20, 1891. = *G. staminea* Greene.

No. 15,078. *Gilia capitata* ^{Sims} ~~Doughl.~~
^{*ssp. capitata*}
Collins Camp, Vaca Mts., June 2,
1892.

No. 15,079. *Gilia* ^{*capitata* Sims *ssp. medio mon-*} ~~*achilleaeifolia* Bth.~~
^{*tana* V. Grant}
Yosemite, July 6-12, 1896.

- ✓ No. 15,080. *Gilia* ^{capitata Sims ssp. staminea (Greene) A. & V. Grant} ~~acutifolia~~
 Bth. Weldon Cañon, Yuma Mts.
 May 19, 1884. = *G. staminea* Greene.

- ✓ No. 15,081. *Gilia charnissonis*
 Greene. Det. L. J. Dempster.
 Presidio, San Francisco,
 May 20, 1891.

- ✓ No. 15,082. *Gilia leptalea* Greene.
^{ssp. leptalea}
 Between Castle Peak and Carter
 Rohrbach's Camp on Middle El River,
 July 23, 1897.

- ✓ No. 15,083. *Gilia leptalea* ^(Gray) Greene.
^{ssp. pinnatisecta Mason & A. Grant}
 Between Middle El Ferry and
 Henley's ranch, Round Valley,
 July 27, 1897.

- ✓ No. 15,084. *Gilia leptalea* ^(Gray) Greene.
^{ssp. pinnatisecta Mason & A. Grant}
 Glenbrook, Lake Co. July 14,
 1897.

- ✓ No. 15,085. *Gilia leptalea* ^(Gray) Greene.
^{ssp. pinnatisecta Mason & A. Grant}
 Middle Creek, base of Elk Mts., nw.
 Lake Co., Aug. 2, 1892.

- ✓ No. 15,086. *Gilia latiflora* Wats.
 Coyote Creek, Santa Clara Co.
 June 9, 1896. = *G. tenuiflora* Bth.

No. 15,087. *Gilia*

Mohave Desert, May 10, 1930. Coll-
Amargo, with 15,571. cf. F.B. 50126

✓ No. 15,088. *Nemophila menziesii*
Valley of the Butte Paso, Marys-
ville Buttes, Apr. 10, 1891.

✓ No. 15,089. *Nemophila heterophylla* F.B.M.
Araguipa Hills, March 20, 1885,
Vacaville, Solano Co.

No. 15,090. *Nemophila maculata*
Ath. Penn Valley, Nevada Co.
Apr. 16, 1892.

✓ No. 15,091. *Nemophila menziesii*
S.B. & A. East of Rocky Peak,
Vacaville, Mar. 20, 1884.

No. 15,092. *Nemophila insignis* Dougl.
Little Oak, Vacaville, spring 1885.

✓ No. 15,093. *Nemophila menziesii*
H. & A. Penn Valley, Nevada Co.
Apr. 16, 1892.

✓ No. 15,094. *Nemophila menziesii*
H. & A. Lake Merced, San Fran-
cisco, Mar. 22, 1891.

✓ No. 15,095. *Nemophila menziesii* H. & A. Trail to Cour's
Cabin, in the range west of
St. Helena. Apr. 25, 1893.

Notes on the Native Plants
of Vaca Valley, pp. 161-200.

- *Linanthus filipes*. Hartley et al.,
C. F. Baker 2883.

- *Cynoglossum grande*.

In chamise towards head of
 Wallon Cañon. An evidence of
 former woodlands?

- *Navaretia viscidula* Greene.
Jepson 15,034.

- *Phacelia suavis* Greene.
 Vaca Mts., Platt.

- *Cryptantha flaccida*.
 Lower Pleasant Valley,
Jepson 21,137.

- *Plagiobothrys canescens*
 English Hills.

- *Allocaarya stipitata* Greene. cf. no.
 6792.

- *Stachys ajacoides* Bth. var.
solanensis Jepson. Putah Bluffs,
Jepson 14,952. Channel Cañon. Jepson 14,953.

The vast differences between the vegetation of the Vaca Mountains and the Kapa Range.

Species in the Kapa Range not found in the Vaca Mts.:

Arabis californica.

Ceanothus floribundus.

Ceanothus jepsonii.

Pinus lambertiana.

Pinus ponderosa.

Pseudotsuga taxifolia.

Quercus garryana.

Quercus durata.

Species found in the Vaca Mts. not found in the Kapa Range.

Species found in both the Vaca
Mountains and the Napa Range

- *Castanopsis sempervirens*. cf. Fl. Cal.
vol. 1, p. , as to Vaca Mts.
- *Prunus subcordata* Bth. Weldon
Cañon, June 1, 1891.

List of place names in Vaca Valley
region:

Davis Hills. Edmunds Pond.
Milesquare Hill. Wild horse Cañon.
Towson Hills.

- *Leptotaenia californica* found in both Vaca Mts. and Napa Range
- *Heracleum lanatum* not in Vaca Mts.; not in Napa Range - but on Mt. Diablo!
- In using indices to Field Books check the following: Vaca Valley, Vacaville, Vaca Mts., Lagom Valley, Vanden, Allendale, Peaceful Glen, Browns Valley, Gates Cañon, Miller Cañon, Weldon Cañon, Walter Cañon, Dutton Cañon, Little Oak, Areguipa Hills, Pellego Hills.

- Field Book, no. 6997.

" " 31:166.

- The oaks leaf bursting in spring, the Areguipa Hills. - Men and Manners, vol. 14, p. 98.
- Distribution of oaks in Areguipa Hills, ^{and Pigeon Point as a boundary.} cf. letter to Neat H. Tate, 8-8-'42, in Jepson Corr.

Plantae Enchoriae Vacarum Montium

- *Mimulus bolanderi* Gray. Not in Vaca Mts. nor in Napa Range nor Napa Valley nor var. *brachydoctus* Grant.

- cf. *Neotoma* in litt. 3-5-40.
"Pansies" at Cement Hill.
- *Linanthus bicolor* (Nutt.) Griseb.,
May, 1886. E. L. Greene.
(Herb. U.C.)
- *Linanthus parviflorus* Greene
Vanden, K. Brandegee, Apr. 30,
1893 (U. C. Hb.)
- *Salvia spathacea* Greene.
Species of the coastal region
south of San Francisco Bay
often recur in the Vaca Mts.
The South Coast Ranges are
arid as compared with the
North Coast Ranges. It is the
drier inner North Coast Range
that sometimes meets the
requirements of a coastal
species.
- *Nepeta cataria* L. Solano Co.
says Greene, in Man. 292, "not
rare". I have never found
it in the county.

- *Pogogyne douglasii* Bth. Valley,
Greene.
- Habitat, in e. parts of county, often
colonizing overflowed areas that become
dry in summer.
- *Lamium simplexicaule* L. Coll.
By Millard Sharpe in Vaca Valley
April 16, 1943.
- Wind and the Bodaga Gap, Seq. 57:
2b.
- Plants which inspired interest
in botany in early boyhood. cf. note
written for H. M. Wheeler, dated May
21, 1943 (Tepson Correspondence).
- One of the plants of late summer
fields was *Hosackia purshiana*
with modest pinkish or
whitish flowers. Flowering in dry
naked fields it had an especial interest
when there were few other
things. As to "Hosack" cf. Proc. Am.
Phil. Soc. 86:64.

- *Verbena robusta* Greene, Alamo Creek,

June 8, 1884. W.L.G., in U.C.Hb.

- *Orthocarpus attenuatus* Gray.

C.F. Baker, Vacaville, May 6, 1903.
no. 2913.

- *Mimulus arvensis* Greene. "Near
Vacaville, May 3, 1886", E. L. Greene.
Det. E. L. G. (U.C.Hb.).

- And the soil: cf. F.B. 22: 89, 88.

- Little Oak ranch, cult. trees, F.B. 51, 162.

- cf. p. 166.
- *Romanzovia californica*, on Mt. Diablo but not on the Vaca Mts. nor Napa Range.
- *Gilia achilleaefolia* Bth. is a species of the South Coast Ranges. It occurs in the Vaca Mts. but I have not noticed it elsewhere in the North Coast Ranges. The ^{allied} species of the North Coast Ranges, widely distributed, is *Gilia capitata* (The proper name for the plant first noted is now *Gilia staminea* Greene, - *G. achilleaefolia*, the true thing, being restricted to the coast line.)
- *Stachys pycnantha* Bth. Mt. Diablo; otherwise limited to the coast.

- Solano Co. note on vegetation of "Happy Days at Little Oak Ranch," vol. 1, p. 33. Primitive grass vegetation, ^{R.B.} 55:154.
- Suttle sta., ^{R.B.} 53:141.
- R.B. 53:192. ^{R.B.} Persistence of native plants.
- My beginnings as a lad in studying the flora of Vaca Valley: cf. letter to Dr. H.M. Wheeler, May 21, 1943, in Jepson Corr. (inscription for copy of H.L.W. Mid. Cal.).

Napa Range

- *Oaks* in. F. B. 24: 180. Col. by
- *Agrostis nuticifolia* Camp. Knob west of Saint Helena. but very rare. It is
- Wealth of vegetation. 55: 69. (F.B.)
- Standing on the east slope of Bassett Hill east of Cordelia, looking across the open lower floor of Suisun Valley to the wide plain of the Sacramento Valley, one might imagine this station to be an inner ^{Coast Range} station. It is not! It belongs to the middle Coast Range (Napa Range) as shown by plants of *Prunus ilicifolia* and other species.
- Rockville. *Mimulus cardinalis*. Collected Aug. 1, 1880 by Earle (Ann. Mo. Bot. Gard. 11: 140). Probably F. S. Earle. See p. 329, line 2 from bottom, and p. 335. See dates also.
- *Prunus subcordata* Bth. New Solay, May, 1893. Park Hill Bridge (e. of St. Helena), Napa River, Apr. 24, 1893.

- *Plagiobothrys fulvus* Jtn. var. *campestris* Jtn. Osage Cañon, Arquipa Hills May 2-6, 1891. (Spr. in U. C. Hb.).
- Apr. 6, 1942. The dark green rounded crowns of the Buckeyes in the Arquipa Hills, so conspicuous a month ago, have been overtaken by the darkening crown of the Blue Oaks. The Valley Oak is just coming into leaf. The Black Walnut is well started - coming into leaf. The leaves and rubbings of young figs are now just starting together. - Little Oak, Monday. cf. Mun. & Manners, vol. 14, p. 112.
- Gates Cañon list, F. B. 58: 369.
- Arquipa Hills, F. B. 60: 263.
- English Hills, F. B. 60: 384-5.
- Near Gates Cañon, F. B. 60: 389.
- *Populus fremontii*. F. B. 60: 391.

- *Aesculus californica* Spach. Any trees s. of Pigeon Point?
cf. 55:158.
cf. ^{1 p. B.}
- *Castilleja foliolosa* H. & A. cf. no. 21,473, Miller Cañon
- *Pedicularis densiflora* Bth. Weldon Cañon, Mar. 1. 1885.
- *Antirrhinum vagans* Gray. See P. B. 62:60-61.
- *Olea macrophyllum* Pursh. A rare tree in our dry region, its leaves small in size. cf. Thos. Nuttall in his Silva on the great size of leaf of the trees he found in Oregon.
cf. also: Notes on the Botany of Calif. ("Calif. Bot. Explorers," 4:2).
- Vaca Valley. cf. index to Field Books, vol. 3.
- *Collinsia bicolor* Bth. Chandler Cañon, Arapipa Hills, May 2-6, 1891. no. 21,327.

- *Collinsia sparsiflora* R. & M. var. *collina* Newson. "Vaca Mts.," R. H. Platt in 1898. U.C. HB.
It is a little like var. *brucas*.
- *Collinsia sparsiflora* R. & M. Fine plants at Chinis Bluff, Arapipa Hills, in, 1890.
- *Collinsia sparsiflora* R. & M. Fine plants of typical King at base of Portero Hills, Alexander & Kellogg no. 996 in 1940 (Apr. 4).
- *Collinsia bicolor* Bth. Chandler Cañon, Arapipa Hills, no. 21,327.
^{& Jepson,}
- *Gordylanthus pilosus* Gray. Weldon Cañon, Vaca Mts., Jepson 21,342.
- *Penstemon centranthifolius* Bth. Gates Cañon, Heller & Brown (cf. Webb, Am. Midl. Nat. 18:823).

- *Orthocarpus zrianthus*. Its abundance in early days. cf. 6:55, ante. This spring, 1942, I saw scarcely any.

- *Linanthus parviflorus* Greene. It is found at low altitudes as on Graveyard Hill (Jepson 20,397), and probably was common all through the foothills in early days.

Linanthus androsaceus Greene is on the summit of the Vaca Mts. (Signal sta., Jepson 20,904). This may be at higher altitudes, generally speaking, than *L. parviflorus*, but is also found on the Patah Bluffs west of Winton (Jepson 20,905).

- *Centaurea calitrapa* L. First collected by myself in the waste land by the railway tracks near the warehouses and the railway station; on south side

of Alamo, the station being on N. side. Date: Aug. 12, 1887. (U. C. Hb.).

- *Diplazium glutinosum* Nutt. Chandler, Cañon, Arapiha Hills, May 2-6, 1891.

- *Platanus californicum* T. & G. - Chinio Bluff, Arapiha Hills, Jepson, March, 1890.

- Vanden, K. Brandege, Apr. 30, 1893.

- *Tellima affinis* Bol. cf. 28:106.

- *Castilleja foliolosa* H. & A. Miller Cañon, Vaca Mts., Apr. 5, 1885. no. 2,365.

- *Orthocarpus purpurascens* Bth. Pleasant Valley, Jepson 8258; Canon sta., Jepson 6781.

- *Delphinium hesperium* Gray. Little Oak, Vacaville, May 15, 1896.

- *Delphinium recurvatum* Greene. Sutton Cañon, Vaca Mts., June

May 17, 1892.

- *Delphinium hesperium* Gray. near Violet St., Apr. 22, 1916. no. 6795.

- *Orthocarpus lithospermoides* Bth. Grew on the plain about Little Oak in 1896 and before, nos. 21,397, 21,398. Also Elmira, K. Brandege.

Suisun Marshes

- *Samolus floribundus* H.B.K. ^{4119.} Dary
- *Centunculus minimus* L. Suisun, Greene

Montezuma Hills

- *Delphinium recurvatum* Greene.
- Montezuma School, May 14, 1892.
no. 21,384.

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Araguipa Hills.

- *Orthocarpus pusillus* Ath.
 Asage Cañon, Mar. 24, 1892.
 No. 21,409.

Spring Burst of Leafage

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- *Sambucus glauca* Nutt. is now in nearly full leafage. Note the clump on the fence line across the roadway, near the front gate at Little Oak, but about 50 yards to west. - Feb. 11, 1945. Is this the first tree to break?

- *Antirrhinum vagans* Gray.
Tepson 21, 313.
A somewhat stocky compact form.

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Vaca Mountains - Misc. Notes 197

- H. M. Wheeler in litt. July 1, 1944.

Mts. of C. San Diego Co. species
 of which reappear in Santa
 Barbara region and often northward,
 or northward.

- *Orthocarpus attenuatus* Gray.
- *Rhododendron occidentale* Gray.
 (cf. Fl. Cal. 3: 20)
- *Cercis occidentalis*

200

Antioch.

- *Diplocus aurantiacus* (Curt.)
T. Brandegei.
- *Orthocarpus erianthus* Bth. var.
roseus Gray. Black Diamond.

Sav 3019.

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